

**Anti-EpCAM Antibody (EpAb3-5) Summary:**

Species: Hu

Gene: EpCAM

Applications: WB, ELISA, FACS, IFA, IHC

Purity: IgG purified

Clonality: Monoclonal

Host: Mouse

**Anti-EpCAM Antibody (EPCAM-Ab-13) Details:**

Clone: EpAb3-5

Isotype: IgG2b

Immunogen: Purified EpCAM

Localization: Cell membrane

Species reactivity: Cross-reacts with Human. Does not cross react with mouse.

**Applications:**

Uses:

This antibody is useful in Flow Cytometry, Enzyme-Linked Immuno Sorbent Assay, Western Blot, Immunocytochemistry, Immunofluorescence.

Dilutions:

Flow Cytometry, Enzyme-Linked ImmunoSorbent Assay 0.01~1 µg/ml, Western Blot, Immunocytochemistry, Immunofluorescence 0.1~1 µg/ml

**Packaging:**

Storage: store at -80 °C

Buffer: PBS (pH 7.4)

**SAFETY DATA SHEET**

---

**Section 1: Identification of the substance/mixture and of the company/undertaking**

MSDS Name: Phosphate Buffered Saline Solution and anti-EPCAM  
Antibody (mouse anti-human)  
Synonyms: PBS and anti-EPCAM antibody (mouse anti-human)

Company Identification: BioMab, Inc., Taipei, Taiwan  
For information, call: 886-952-456-158  
Phone Number: 886-02-27188451

---

**Section 2: Hazards identification**

GHS - Classification

**Health hazards**

Not Hazardous

**Physical hazards**

Not Hazardous

**Environmental Hazards**

Not Hazardous

Label elements

**Signal word**

None

**Hazard pictograms**

None

**Hazard statements**

Not applicable

**Precautionary Statements**

**Prevention**

Not applicable

---

**Response**

Not applicable

**Storage**

Not applicable

**Disposal**

Not applicable

**Other hazards**

Not applicable

---

**SECTION 3: Composition/information on ingredients**

Components: Phosphate Buffered Saline Solution and anti-EPCAM antibody  
(mouse anti-human)

The product contains no substances which at their given concentration, are considered to be hazardous to health

---

**SECTION 4: First aid measures**

**Description of first aid measures**

**Skin contact** Rinse with plenty of water. Immediate medical attention is not required

**Eye contact** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do

**INGESTION** Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice

**Inhalation** Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary

**Notes to Physician** Treat symptomatically

---

**Most important symptoms and effects, both acute and delayed**

Not applicable

**Indication of any immediate medical attention and special treatment needed**

None

---

**SECTION 5: Firefighting measures**

**Extinguishing media**

|                                |   |
|--------------------------------|---|
| Suitable Extinguishing Media   | Water spray. Carbon dioxide (CO <sub>2</sub> ).<br>Foam. Dry chemical |
| Unsuitable Extinguishing Media | No information available  |

**Special hazards arising from the substance or mixture** Not known.

**Advice for fire-fighters** Standard procedure for chemical fires

---

**SECTION 6: Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation. Always wear recommended Personal Protective Equipment. Use personal protection equipment. See Section 8 for more detail.

**Environmental precautions**

No special environmental precautions required.

**Methods and material for containment and cleaning up**

Soak up with inert absorbent material.

**Reference to other sections**

See section 8 for more information.

---

## **SECTION 7: Handling and storage**

### **Precautions for safe handling**

Use personal protective equipment as required. No special handling advices are necessary.

### **Conditions for safe storage, including any incompatibilities**

Keep in a dry, cool and well-ventilated place. Keep in properly labelled containers.

### **Specific end use(s)**

Analyte Specific Reagent. Analytical and performance characteristics are not established.

---

## **SECTION 8: Exposure controls/personal protection**

### **Control parameters**

### **Components with workplace control parameters**

### **Exposure controls**

### **Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### **Personal protective equipment Eye/face protection**

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

### **Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

### **Body Protection**

Impervious clothing The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges.

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

---

**SECTION 9: Physical and chemical properties**

**Information on basic physical and chemical properties**

|                               |  |
|-------------------------------|--|
| Appearance                    | Liquid   |
| Odor                          | No data available  |
| pH                            | 7.4  |
| Melting point / melting range | °C Mixture has not been tested<br>°F Mixture has not been tested |
| Boiling point / boiling range | °C Mixture has not been tested<br>°F Mixture has not been tested |
| Flash point                   | °C Mixture has not been tested<br>°F Mixture has not been tested |
| Autoignition temperature      | °C Mixture has not been tested<br>°F Mixture has not been tested |
| Decomposition temperature     | °C Mixture has not been tested<br>°F Mixture has not been tested |
| Evaporation rate              | No data available  |
| Flammability (solid, gas)     | No data available  |
| Upper explosion limit         | Mixture has not been tested                                      |

|                                      |                             |
|--------------------------------------|-----------------------------|
| Lower explosion limit                | Mixture has not been tested |
| Vapor Pressure                       | Mixture has not been tested |
| Relative density                     | Mixture has not been tested |
| Specific gravity                     | No data available           |
| Solubility                           | No data available           |
| Partition coefficient:               | No data available           |
| n-octanol/water explosive properties | Mixture has not been tested |
| OTHER INFORMATION                    | No data available           |

---

**SECTION 10: Stability and reactivity**

|                                    |  |
|------------------------------------|--|
| Reactivity                         | No data available  |
| Chemical stability                 | Stable under normal conditions.                            |
| Possibility of hazardous reactions | Hazardous reaction has not been reported.                  |
| Conditions to Avoid                | No information available                                   |
| Incompatible Materials             | No dangerous reaction known under conditions of normal use |
| Hazardous decomposition products   | No data available  |

---

**SECTION 11: Toxicological information**

**Information on toxicological effects**

**Acute toxicity**

No data available

Dermal: no data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation**

No data available

**Respiratory or skin sensitization**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Reproductive toxicity**

No data available

**Specific target organ toxicity - single exposure**

No data available

**Specific target organ toxicity - repeated exposure**

No data available

**Aspiration hazard**

No data available

**Potential health effects**

|            |   |
|------------|---|
| Inhalation | May be harmful if inhaled. May cause respiratory tract irritation   |
| Ingestion  | May be harmful if swallowed.  |
| Skin       | May be harmful if absorbed through skin. May cause skin irritation. |
| Eyes       | Causes eye irritation   |

**Signs and Symptoms of Exposure**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**Additional Information**

RTECS: Not available

---

**SECTION 12: Ecological information**

**Toxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

---



**Mobility in soil**

No data available

**Results of PBT and vPvB assessment**

No data available

**Other adverse effects**

No data available

---

**SECTION 13: Disposal considerations**

**Waste treatment methods**

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in accordance with approved disposal techniques. Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations.

---

**SECTION 14: Transport information**

**IATA / ADR / DOT-US / IMDG**

Not classified as dangerous in the meaning of transport regulations.

|                                     |                |
|-------------------------------------|----------------|
| <b>UN Number</b>                    | Not applicable |
| <b>UN proper shipping name</b>      | Not applicable |
| <b>Transport hazard class(es)</b>   | Not applicable |
| <b>Packing group</b>                | Not applicable |
| <b>Environmental Hazards</b>        | Not applicable |
| <b>Special precautions for user</b> | Not applicable |

---

**SECTION 15: Regulatory information**

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

No data available

---

## **Chemical Safety Assessment**

No data available

---

## **SECTION 16: Other information**

### **Further information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. BioMab, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. See [www.biomabinc.com](http://www.biomabinc.com).