

Safety Data Sheet

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Identification of the substance or mixture

Product name: FlowMAb™ Conjugated Antibodies

Product details: FlowMab™ APC conjugated antibodies, FlowMab™ FITC conjugated antibodies, FlowMab™ PE conjugated antibodies, FlowMab™ PerCP conjugated antibodies,

Product Use: For Research Use Only

Company undertaking identification:

Bio X Cell
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Lebanon, NH 03766

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SECTION 2: Hazards identification

GHS - Classification

Not classified

Signal word

No signal word

Hazard statement

No known significant effects or hazards

Health hazards

Not Hazardous

Physical hazards

Not Hazardous

Other hazards

Not Applicable

Precautionary Statements

Not Applicable

HMIS

Health	0
Flammability	0
Reactivity	0

SECTION 3: Composition/information on ingredients

Formulation description: Conjugated monoclonal antibodies in an aqueous buffer solution containing 0.09% w/v sodium azide as a preservative.

The product contains no substances which, at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

SECTION 4: First aid measures

Skin contact	Rinse thoroughly with plenty of soap and water. Immediate medical attention is not required.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician if necessary.
Ingestion	Not expected to present a significant ingestion hazard under anticipated conditions of normal use. Consult a physician if necessary.
Inhalation	Not expected to be an inhalation hazard under anticipated conditions of normal use. Consult a physician if necessary.
Notes to Physician	Treat symptomatically.

Most important symptoms and effects, both acute and delayed

None

SECTION 5: Firefighting measures

Suitable extinguishing equipment	Water spray. Carbon dioxide (CO ₂). Dry chemical powder or appropriate foam.
Unsuitable extinguishing equipment	No information available
Specific hazards arising from the chemical	Not known
Advice on specific hazards for fire fighters	Standard procedure for chemical fires

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Always wear recommended personal protection equipment and ensure adequate ventilation. See section 8 for more information.

Environmental precautions

No special environmental precautions required.

Methods and material for containment and cleaning up

To contain spill use inert absorbent materials and place in container for disposal, according to local regulations

SECTION 7: Handling and Storage

Precautions for safe handling

Always wear recommended personal protection equipment. Do not eat, drink, or smoke when using this product. Avoid contact with skin, eyes and clothing. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Storage conditions

Store in a cool, well-ventilated area (2-8°C)

Environmental precautions

No special environmental precautions required.

SECTION 8: Exposure controls/personal protection**Exposure Limit (Sodium Azide)**

OSHA PEL: Not applicable

Exposure Controls

Handle in accordance with good industrial hygiene and safety practice.

Engineering measures

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment**Respiratory protection**

In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection

Impervious, chemical resistant gloves.

Eye/ face protection

Wear safety glasses with side shields (or goggles).

Skin and body protection

Lightweight protective clothing.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practices.

Wash hands after direct contact.

Environmental exposure controls

No special environmental precautions required

SECTION 9: Physical and Chemical Properties

Form:	Liquid
Appearance:	No information available
Odor:	No information available
Odor Threshold:	No information available
Boiling point / boiling range:	No data available
Melting point / melting range:	No data available
Flash point:	No data available
Autoignition Temperature:	No data available
Evaporation rate:	No data available
Flammability:	No data available
Oxidizing properties:	No information available
Water solubility:	Soluble
Upper explosion limit:	No data available
Lower explosion limit:	No data available
Partition coefficient:	No data available
Explosive properties:	No data available

SECTION 10: Chemical Stability and Reactivity

Reactivity:	None known
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	None reported
Conditions to avoid:	No dangerous reaction known under conditions of normal use.
Incompatible materials:	No dangerous reaction known
Hazardous decomposition products:	None under normal use conditions.

SECTION 11: Toxicological Information

Information on acute toxicological effects

There is no evidence available indicating acute toxicity

Principle routes of exposure

Potential health effects

Eye contact	May cause eye irritation with susceptible persons.
Skin contact	May cause skin irritation in susceptible persons.
Inhalation	May be irritating to mucous membranes and upper respiratory tract.
Ingestion	May be harmful if swallowed.
Carcinogenic effects	Not available
Mutagenic effects	Not available
Reproductive toxicity	Not available
Sensitization	Not available
Target Organ Effects	No known effects under normal use conditions

SECTION 12: Ecological Information

Data not yet available

SECTION 13: Disposal Considerations

Dispose of contents/containers in accordance with local regulations.

SECTION 14: Transport Information

Not classified as dangerous in the meaning of transport regulations

SECTION 15: Regulatory Information

Substances of Very High Concern:	None
German water hazard classes:	Not classified

Other International Inventories:

No information available

SECTION 16: Other Information

Reason for Revision: New document

Revision Date: 05 Dec 24

For Research Use only; not for diagnostic or therapeutic work.

The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution.

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End of Safety Data Sheet