

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Anti-Magnelle[®] Antibody

Company information: Bell Biosystems Inc., 626 Bancroft Way, Suite A, Berkeley, CA 94710

Company phone number: (877) 420-3621

2. HAZARDS IDENTIFICATION

GHS

Classification

Not available.

Hazard statements

None

Label elements

Hazard statements

None

Pictogram

None

Signal word

None

Precautionary statements

None

NFPA rating

Health: 1

Flammability: 0

Reactivity: 0

Precautionary statements – Prevention

This substance is not hazardous as defined by OSHA 29CFR 1910.1200, however, this product should be handled according to good lab practices, with proper personal protective equipment, proper engineering controls and within the parameters of the purchaser's safety program.

Precautionary statements – Disposal

Dispose of contents/container to an approved biohazard waste disposal plant.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substances

This product is composed of polyclonal rabbit antibody in aqueous buffer solution.

Component description	Volume
Polyclonal antibody raised in rabbits	10 µL

According to 29 CFR 1910.1200(d), hazardous ingredients at less than 1% and carcinogens at less than 0.1% are considered nonhazardous. Any hazardous or carcinogenic ingredients exceeding these criteria are listed below.

This product may contain the following hazardous ingredients.

Chemical Name	CAS No.	Concentration
Glycerol	56-81-5	30%

4. FIRST AID MEASURES

First aid measures

General advice	Show this safety data sheet to the doctor in attendance.
Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area.
Skin contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.
Inhalation	Call a physician or Poison Control Center immediately. Move to fresh air. If breathing is difficult, give oxygen. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.
Ingestion	Do NOT induce vomiting. Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person.

Indication of any immediate medical attention and special treatment needed

No data available.

Notes to physician

Treat symptomatically and supportively.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance/ mixture

Carbon oxides.

Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

No data available.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use personal protective equipment specified under section 8. Do not get in eyes, on skin, or on clothing. In contact with patient/victim occurs, refer to section 4. Work clothes should be laundered separately. Launder contaminated clothing before re-use. Do not take clothing home.

Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. Prevent product from entering drains.

Methods and material for containment and cleaning up

Soak up with inert absorbent material and dispose of as biohazardous waste. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE**Precautions for safe handling**

Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Do not breathe vapors or spray mist.

Conditions for safe storage, including any incompatibilities

Technical measures/precautions	Keep container tightly closed at -80°C until first use, and at 4°C thereafter.
Incompatible products	None known.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Control parameters****Appropriate engineering controls**

General laboratory hygiene practice.

Individual protection measures, such as personal protective equipment

Eye protection	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin and body 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. Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the

dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hygiene measures

Handle in accordance with good laboratory hygiene and safety practice. Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use. Contaminated work clothing should not be allowed out of the workplace. Provide regular cleaning of equipment, work area and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Frozen liquid
Appearance	Light red
Odor	Odorless
pH value	No data available.
Melting point/range	No data available.
Boiling point/pange	No data available.
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	No data available.
Specific gravity	No data available.
Water solubility	Miscible
Partition coefficient: n-octanol/water	No data available.
Autoignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	No information available.
Oxidizing properties	No information available.

Other information No information available.

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

No data available.

Possibility of hazardous reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to avoid

None known.

Incompatible materials

No data available.

Hazardous decomposition products

May form carbon dioxide and carbon monoxide.

11. TOXICOLOGICAL INFORMATION**Information on toxicological effects**

Acute toxicity	No data available.
Inhalation	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	No data available.
Reproductive toxicity	No data available.
Specific target organ toxicity - single exposure	Kidney. No data available.
Specific target organ toxicity - repeated exposure	Kidney. Prolonged exposure may cause nausea, headache and vomiting.
Aspiration hazard	No data available.

Note: The toxicological properties of this substance have not been investigated.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

No data available.

Persistence and degradability

No data available.

Bioaccumulation/Accumulation

No information available.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

No information available.

Other adverse effects

No data available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from residues/unused products	Dispose of in accordance with federal, state and local regulations.
Contaminated packaging	Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT (US)	Not dangerous goods.
IMDG	Not dangerous goods.
IATA	Not dangerous goods.

15. REGULATORY INFORMATION

This substance is not listed on the TSCA Inventory. It is for research and development use only.

SARA 302 components

This substance is not SARA listed.

SARA 313 components

This product is not regulated by SARA CAA, Section 112, Hazardous Air Pollutants (HAPs) (40 CFR 61): This product does not contain HAPs.

U.S. state regulations

California Proposition 65

This product does not contain chemicals listed under Proposition 65.

U.S. State Right-to-Know regulations

No information available.

16. OTHER INFORMATION

Revision date June 27, 2018

Revision note No information available.

Disclaimer

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. Bell Biosystems Inc. shall not be held liable for any damage resulting from handling.

End of SDS