Safety Data Sheet

Tau (Phospho-Thr 217) antibody

Cat#: orb234064

PRODUCTS FOR RESEARCH USE ONLY, NOT TO BE USED AS DIAGNOSTIC OR THERAPEUTIC

1. Product and Company Identification

Purified and non-purified monoclonal and polyclonal antibodies, unconjugated and conjugated

2. Hazards Identification

According to the 29 CFR 1910, Subpart Z - Toxic and Hazardous Substances. Occupational Safety and Health Administration Guidelines, the only possible hazardous substance present, in some monoclonal antibodies preparations, is sodium azide.

3. Composition/Information on Ingredients

Active Ingredient: Antibodies, CAS: None

Other ingredients*: Phosphate-buffered saline, CAS: N/A

* The concentration information refers to the reconstituted solution and not the lyophilized powder.

4. First Aid Measures

Inhalation: If inhaled, supply fresh air; administer oxygen if breathing is difficult and seek medical attention. Consult a doctor in case of complaints.

Skin Exposure: Generally, the product does not irritate the skin. In case of irritation, flush with abundant amounts of water for at least 15 minutes. Seek medical attention if adverse symptoms appear.

Eye Exposure: Rinse opened eye for several minutes under running water. Ensure adequate flushing by separating the eyelids with fingers. Seek medical attention if adverse symptoms appear.

Ingestion: Wash mouth out thoroughly with water and drink plenty of water. If symptoms persist seek immediate medical attention.

5. Fire Fighting Measures

Data for antibody preparation. Not for individual ingredients.

Non-combustible. Suitable extinguishing media: Powder, water, carbon dioxide, dry sand. If involved in fire, use extinguishing media appropriate to the surrounding conditions.

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6. Accidental Release Measures

Person-related safety precautions are not required. Absorb onto sand or vermiculite and place in closed container for disposal. Wash spill site after material pick up is complete with water.

7. Handling and Storage

Storage: Lyophilized antibody can be kept at 4°C for up to 3 months and should be kept at -20°C for long-term storage. Reconstituted antibody should be aliquoted before freezing for short-term storage (-20°C) or for long- term storage (-80°C).

Handling: When handling product wear laboratory coats and disposable nitryl gloves. General good laboratory practice should be maintained.

Specific use: The product is intended for in vitro research use only.

8. Exposure Controls/Personal Protection

When handling product wear laboratory coats and disposable nitryl gloves to avoid contact with skin and eyes.

9. Physical and Chemical Properties

Liquid Form: Colourless and odourless liquid.

Lyophilized Form: White/yellowish and odourless powder.

10. Stability and Reactivity

Stability: Stable

Conditions to avoid: Heating above room temperature, freezing and thawing cycles, contaminating agents.
Dangerous Reactions: None known.

11. Toxicological Information

Because of the small size of the vial and the low concentration of hazardous ingredients, the toxicological risks are minor. However, some of the individual constituents may cause skin irritation and eye irritation. Azide may be absorbed through the skin.

Toxicological experiments have not been done on the antibody preparation.

Carcinogenic effects: Not available.

Mutagenic effects: Not available.

Reproduction toxicity: Not available.

Teratogenic effects: Not available

12. Ecological Information

No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention. Use in accordance with good laboratory practices.

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13. Disposal Considerations

Must be disposed in compliance with the respective national regulations.

14. Transport Information

Special shipping information: N/A

15. Regulatory Information

The product does not contain a hazardous ingredient in an amount that requires identification. For research and in vitro use only. Not for diagnostic or therapeutic work.

16. Other Information

This information is prepared on our present knowledge and is believed to be correct but only to be used as a guide for experienced personnel. Read Product Specification before using the product.

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