

Safety Data Sheet (SDS)

Section 1: Identification of the Substance and Company

- **Product Name:** Monoclonal antibodies (Research use only, RUO).
- **Catalog Number:** Various catalog numbers and clone designations.
- **Manufacturer:** Center for Proteomics - University of Rijeka, Faculty of Medicine.
- **Address:** Braće Branchetta 20, 51000 Rijeka, Croatia.
- **Use:** Laboratory Research Use Only (RUO).

Section 2: Hazards Identification

- **Classification:** Not classified as hazardous according to Regulation (EC) No 1272/2008 (CLP).
- **Physical Hazards:** None known.
- **Health Hazards:** Not expected to be hazardous under normal conditions of use. Contact with eyes may cause temporary irritation.
- **Environmental Hazards:** No known significant effects or critical hazards.

Section 3: Composition/Information on Ingredients

- **Main Component:** Monoclonal antibody (IgG), concentration 1 mg/mL.
- **Solvent:** Phosphate Buffered Saline (PBS).
- **Preservatives:** Free of any preservatives, including sodium azide.

Section 4: First Aid Measures

- **General Advice:** No special measures required.
- **Skin Contact:** Wash with water if needed.
- **Eye Contact:** Rinse with water if contact occurs.
- **Inhalation:** No specific measures required.
- **Ingestion:** Rinse mouth with water; seek medical advice if feeling unwell.

Section 5: Firefighting Measures

- **Extinguishing Media:** Use water spray, alcohol-resistant foam, or dry chemical.
- **Special Hazards:** None known.

Section 6: Accidental Release Measures

- **Personal Precautions:** No special precautions required under normal laboratory.

- **Clean-up:** Absorb with inert material and dispose of as chemical waste, clean area with water.

Section 7: Handling and Storage

- **Handling:** Use standard laboratory practices.
- **Storage:** Keep at -20 °C (long-term) or +4 °C (short-term).
- **Stability:** Avoid repeated freeze-thaw cycles.

Section 8: Exposure Controls/Personal Protection

- **General:** Standard laboratory protective equipment is recommended.
- **Respiratory Protection:** Not required under normal use.
- **Hand Protection:** Wear chemical-resistant gloves.
- **Eye Protection:** Safety glasses as appropriate.

Section 9: Physical and Chemical Properties

- **Physical State:** Liquid.
- **Color:** Colorless.
- **Odor:** Odorless.
- **pH:** Approximately 7.4.

Section 10: Stability and Reactivity

- **Reactivity:** Stable under recommended storage conditions.
- **Conditions to Avoid:** Excessive heat.
- **Incompatible Materials:** None known.

Section 11: Toxicological Information

- **Toxicity:** No known adverse effects.
- **Additional Information:** Based on available data, this product is not expected to present health hazards under normal laboratory use.

Section 12: Ecological Information

- **Ecotoxicity:** No data available.
- **General:** Not expected to pose environmental risk under normal conditions of use.

Section 13: Disposal Considerations

- **Waste Treatment:** Dispose of in accordance with local regulations.

Section 14: Transport Information

- Not regulated for transport.

Section 15: Regulatory Information

- Not classified as hazardous according to Regulation (EC) No 1272/2008 (CLP).



Section 16: Other Information

- **Note:** This SDS applies to a group of monoclonal antibody products with similar composition and hazard profile intended for research use only.
- **Date of Preparation:** 01.06.2026.
- **Version:** 1.0.