

## 1. Identification

<b>Product name</b>	Primary antibody
<b>Product Model Number</b>	NB-22-32549-50

## 2. Composition/Information on Ingredients

This product is composed of antibodies in aqueous buffer solution. Any ingredients, which are found in concentrations deemed to be hazardous or carcinogenic, in accordance with Regulation (EC) No. 1272/2008, EH40/2005 and IARC, are listed below in this document.

This product may contain the following hazardous ingredients:

Ingredient	CAS#	Percent
Glycerol	56-81-5	20%

## 3. Hazard Identification

Glycerol (CAS#56-81-5)	
<b>Caution</b>	Avoid contact and inhalation.
<b>Target Organ</b>	Kidneys

NFPA Rating:	
<b>Health Rating</b>	1
<b>Flammability Rating</b>	0
<b>Reactivity Rating</b>	0

## 4. First Aid Measures

<b>Inhalation</b>	If inhaled, move to fresh air. If breathing difficulties occur, seek medical attention.
<b>Ingestion</b>	If swallowed and person is conscious, rinse mouth with water. Seek medical attention.
<b>Skin Exposure</b>	In case of contact, wash skin with soap and water.
<b>Eye Exposure</b>	In case of contact with eyes, immediately flush eyes with water for at least 15 minutes. Seek medical attention.

## 5. Fire Fighting Measures

<b>Flash Point</b>	Data not available.
<b>Autoignition temperature</b>	Data not available.
<b>Fire extinguishing media</b>	Water spray, dry chemical, foam, carbon dioxide.
<b>Firefighting</b>	Wear protective clothing and self-contained breathing apparatus to prevent contact with skin and eyes.

## 6. Accidental Release Measures

Absorb liquid with an absorbent material. Transfer contaminated absorbent to a chemical waste container for disposal.

## 7. Handling and Storage

Avoid inhalation and contact with eyes and skin. Avoid prolonged or repeated exposure. Store at -20°C (or as otherwise specified on datasheet) in sealed container.

## 8. Exposure Controls/Personal

<b>Engineering Controls</b>	Maintain adequate ventilation, eye wash and quick drench facilities in work area.
<b>Personal Protective Equipment</b>	Lab coat, chemical resistant gloves and chemical safety.
<b>Occupational exposure Limits</b>	Data not available.

## 9. Exposure Controls/Personal Protection

<b>Physical State:</b>	Colourless liquid.
<b>Odour</b>	Odourless.
<b>Boiling Point</b>	Data not available.
<b>Melting Point</b>	Data not available.
<b>Volatile Organic Compound</b>	Data not available.
<b>Solubility in Water</b>	Readily miscible in water.

## 10. Stability and Reactivity

<b>Stability</b>	Stable
<b>Hazardous Decomposition</b>	May form carbon oxides.
<b>Conditions to avoid</b>	Strong oxidizing agents.

## 11. Toxicological Information

May cause skin irritation. May be toxic if absorbed through skin or ingested. May cause eye irritation. **Target organs:** Kidneys. Prolonged exposure may cause nausea, vomiting and headache.

## 12. Ecological Information

Data not available.

## 13. Disposal Considerations

Follow local laws and regulations.

## 14. Transport Information

<b>D.O.T.</b>	This substance is considered non-hazardous for transport.
<b>IATA</b>	This substance is considered non-hazardous for transport.

## 15. Regulatory Information

EU Regulation/Classification/Labeling Information: 1272/2008

Chemical Inventory Status	
<b>CWC</b>	Neither banned nor restricted.
<b>REACH</b>	Neither banned nor restricted.
<b>EC No 649/2012</b>	Neither banned nor restricted.

## 16. Other Information

This compound is sold only for research use by personnel familiar with chemicals and trained professionals with good laboratory practices. This solution is sold only in microliter (µL) quantities for use in science research. No other use is intended, and any other use may involve substantive hazards. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as guide for experienced personnel. St John's Laboratory Ltd shall not be held liable for any danger resulting from the handling of or from contact with the above product. The burden of safe use of this material rests entirely with the user.

The products referenced in this sheet are sold with intention for research use only by personnel familiar with chemicals and trained professionals with good laboratory practices in science research. No other use is intended, and any other use may involve substantive hazards. All information is believed to be correct at the time of writing, does not purport to be all inclusive and shall be used only as guide for experienced personnel. Users should carry out their own investigation to determine the suitability of the information for their purposes. In no way shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising from using the above information.