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Rabbit anti-Mouse IgG Antibody (polymerized)

Catalog #: ICP9788 Lot #: 112019

Product Description
The rabbit anti-mouse IgG antibody is developed in rabbits immunized with mouse IgG. It is affinity purified using mouse IgG conjugated agarose, followed by polymerization of the purified antibody. The product is much more sensitive than the non-polymerized antibody. It can be used for detection, identification, quantization, and affinity purification of mouse IgG.

Species
Rabbit

Formulation
5 mg/mL in PBS with 50% glycerol

Immunogen
Purified mouse IgG

Purification
The antibody is affinity purified with mouse IgG immobilized on agarose and absorbed with human IgG. The purified antibody is polymerized and fractionated by Sephacryl S-400 high resolution size exclusion chromatography.

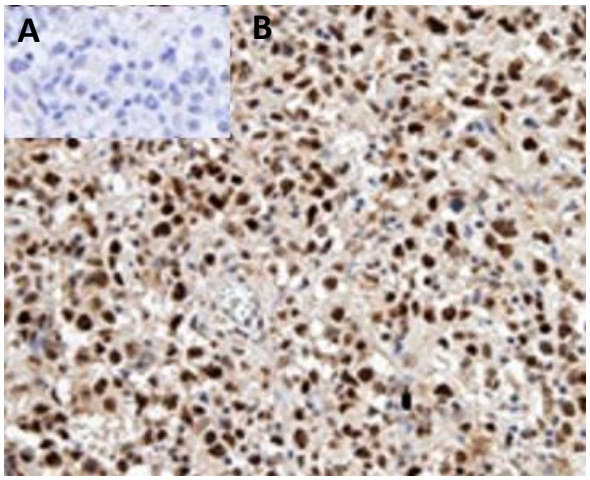
Specificity
Specific against mouse IgG. May cross-reactive to rat IgG.

Applications
ELISA
WB
IHC

Storage & Stability
Product is stable for 30 days at room temperature. For extended storage, store the product at -20°C. Expiration date is three years from the date of shipping if stored properly.

IgG is a monomeric immunoglobulin. It is composed of two heavy chains and two light chains. Each IgG has two antigen binding sites. It is the most abundant immunoglobulin in the blood and tissue. It provides protection against many kinds of bacteria, viruses, fungi as well as optimizing phagocytosis and neutralizing bacterial toxins.

Sample Data



Immunohistochemistry staining using non-polymerized rabbit anti-mouse IgG (A) and the product (B) as the 2nd antibody followed by detection with Goat anti-Rabbit IgG, HRP (ICP9803).

Scientific Description

For in vitro research use only. Not recommended or intended for diagnosis of diseases in humans or animals. Do not use in humans or in animals.

MATERIAL SAFETY DATA SHEET

Article 1 - Product Identification and Use

Product Name: Rabbit anti-Mouse IgG Antibody (polymerized) **Catalog #: ICP9788**

This product is sold only for research use by qualified laboratory personnel, and is not to be used as a drug, medical device, food additive, cosmetic, nor household chemical. It is not to be used in diagnostic, therapeutic, consumer, agricultural, nor pesticidal applications.

Manufacturer's Name:	ImmuneChem Pharmaceuticals Inc.
Street Address:	*#253-5489 Byrne Road*
City, Prov. Postal Code:	*Burnaby, BC, V5J 3J1*
Fax:	604-431-6425
EMERGENCY PHONE:	604-453-0169

Article 2 - Hazardous Ingredients

NOT AVAILABLE. We are not aware of any hazards associated with this product or its ingredients, but the chemical, physical, and toxicological properties of this product have not been investigated thoroughly. Observe normal laboratory precautions.

Article 3 - Physical Data

Transparent liquid.

Article 4 - Fire and Explosion Hazard

NOT APPLICABLE

Article 5 - Reactivity Data

- Chemical Stability: Stable under recommended storage conditions.
- Conditions to avoid: Light.
- Materials to Avoid: Strong oxidizing agents.
- Hazardous Products: Formed under fire conditions – Carbon oxides, Hydrogen bromide gas.

Article 6 – Toxicologically Data

May be harmful by inhalation, ingestion, or skin absorption. The toxicological properties of this product have not been investigated thoroughly. Exercise due caution.

Article 7 - Preventative Measures

Wear chemical safety goggles and compatible chemical-resistant gloves. Avoid inhalation, contact with eyes, skin or clothing.

***** ACCIDENTAL RELEASE MEASURES *****

- Wear protective equipment.
- Absorb on sand or vermiculite and place in closed containers for disposal.
- Observe all federal, state and local environmental regulations.

Article 8 - First Aid Measures

- If swallowed and person is conscious, wash out mouth with water. Call a physician.
- In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. If a rash or other irritation develops, call a physician.
- If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
- In case of eye contact, flush with copious amounts of water for at least 15 minutes. Call a physician.

Article 9 - Preparation

Prepared By: Hao Xiao Phone #: 1-604-431-6425

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. ImmuneChem shall not be held liable for any damage resulting from handling or from contact with the above product. See the Technical Specification, Packing Slip, Invoice, and Product Catalogue for additional terms and conditions of sale.