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Rabbit anti-Mouse IgG Antibody, Biotin

Catalog #: ICP9702 Lot #: 112519

Product Description
The Rabbit anti-Mouse IgG Antibody is developed using affinity purified mouse IgG as the immunogen, and purified using pure mouse IgG as the affinity ligand. The purified antibody is then conjugated with *d*-biotin. It can be used for detection, identification, quantization and localization of mouse IgG.

Species
Rabbit

Formulation
1 mg, lyophilized or in 1 mL of PBS with 50% glycerol

Immunogen
Affinity purified mouse IgG

Purification
Affinity purified with mouse IgG agarose and absorbed with human IgG agarose

Biotin/Antibody Ratio
Approximately 20:1

Specificity
Specific against mouse IgG. No cross-reaction to human or rabbit IgG.

Applications
ELISA
WB
IHC

Storage & Stability
Product is stable for several weeks at 4°C. For extended storage, aliquot content and store product at -20°C. Avoid cycles of freezing and thawing. Expiration date is one year from date of shipping if stored properly.

Scientific Description
IgG is a monomeric immunoglobulin, which 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.

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, Biotin **Catalog #: ICP9702**

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.