

Mouse IgG Antibody, HRP

Product Description

Affinity purified Rabbit anti-Mouse IgG antibodies are developed using affinity purified mouse IgG as the immunogen. The mouse antibody-specific antibodies are affinity purified using pure mouse IgG as the affinity ligand. The purified Rabbit antibodies are conjugated to horse radish peroxidase (HRP), useful for detection, identification, quantization and localization of mouse IgG.

Species

Rabbit

Formulation

1 mg/mL in HRP stabilizing buffer with 50% glycerol

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 six months from date of shipping if stored properly.

Immunogen

Affinity purified mouse immunoglobulins

Purification

The antibody is affinity purified with mouse antibodies immobilized on agarose and absorbed with human IgG

Specificity

The antibody is specific against mouse IgG. There is no cross-reaction with human or rabbit Ig's.

HRP/Ab Ratio

2:1

Applications

ELISA
WB
IHC

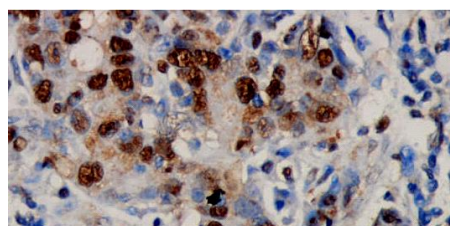
Catalog #: ICP9703

Lot #: 041719

Scientific Description

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 using this as the secondary antibody.

References

1. *Junqueira, L. C. et al. Basic Histology 2003 McGraw-Hill.*

MATERIAL SAFETY DATA SHEET

Article 1 - Product Identification and Use

Product Name: Mouse IgG Antibody, HRP**Catalog #: ICP9703**

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.
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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.
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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.

*****MULTIPLE COMPONENT SPILL OR LEAK PROCEDURES*****

- Wear protective equipment.
 - Absorb on sand or vermiculite and place in closed containers for disposal.
 - Observe all federal, state and local environmental regulations.
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Article 8 - First Aid Measures

- If swallowed, wash out mouth with water, provided person is conscious. 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 while separating the eyelids with fingers. Call a physician.
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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.

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.

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