

## Swine IgG Antibody

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### Product Description

The antibodies are developed from rabbit using affinity purified swine IgG as the immunogen. The swine IgG-specific antibodies from the rabbit immune serum are purified using swine IgG ligand affinity chromatography, followed by affinity absorption with human serum albumin, IgG from human, mouse, chicken and swine. These highly specific anti-swine IgG antibodies are useful for detection, identification, quantization, isolation and localization of swine IgG.

### Species

Rabbit

### Formulation

2 mg/mL in PBS, 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 one year from date of shipping if properly stored.

### Immunogen

Affinity purified swine IgG

### Purification

The antibody was affinity purified with swine antibodies immobilized on agarose.

### Specificity

The antibody is specific against swine IgG.

### Applications

ELISA (0.25 - 1.0 µg/mL)

WB (0.25 - 1.0 µg/mL)

IHC

IP

## Catalog #: ICP9620

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### Scientific Description

IgG is monomeric immunoglobulin. It is built 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 optimizes phagocytosis and neutralizes bacterial toxins.

### References

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

# MATERIAL SAFETY DATA SHEET

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## Article 1 - Product Identification and Use

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**Product Name: Rabbit Anti-Swine IgG****Catalog #: ICP9620**

*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

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## Article 2 - Hazardous Ingredients

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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.

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## Article 3 - Physical Data

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Transparent liquid.

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## Article 4 - Fire and Explosion Hazard

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NOT APPLICABLE

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## Article 5 - Reactivity Data

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- 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

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

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## Article 7 - Preventative Measures

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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

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- 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

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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.

T: 604-431-6425    ☐    F: 604-453-0169    ☐    orders@immunechem.com    ☐    www.immunechem.com