

**Goat IgG (h&l) Antibody**  
(chicken, horse, human, mouse,  
pig, rabbit & rat adsorbed)  
***FITC conjugated***

*Produced in Rabbit*

**Catalog No.**     **Size**  
A50-200F         1 ml



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**Conditions**

Storage: 2 - 8<sup>o</sup> C

Antibody Concentration: 0.5 mg/ml

Physical State: Liquid

Buffer: Phosphate Buffered Saline, pH 7.2

Stabilizing Agent: 0.2 % BSA

Preservative: 0.1% Sodium Azide

Shelf life: 1 year from date of receipt

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**Production Procedures**

Antiserum was cross adsorbed using chicken, horse, human, mouse, pig, rabbit and rat immunosorbents to remove cross reactive antibodies. The antibody to goat IgG was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to fluorescein isothiocyanate (FITC).

Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

By immunoelectrophoresis and ELISA this antibody reacts specifically with goat IgG and with light chains common to other goat immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Less than 0.1% cross reactivity to chicken, horse, human, mouse, pig, rabbit and rat IgG was detected.

This antibody may cross react with IgG from other species.

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**Notes**

Country of Origin: USA

For use in Research and Manufacturing only; not for  
use in diagnostic applications.

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**Applications**

Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Suggested starting dilutions are as follows.

Histo/Cytochemistry: 1:100 – 1:1,000

In some cases, the antibody may be diluted further than indicated.

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**Related Products**

R x-Goat IgG (h&l) affinity purified cross adsorbed	A50-200A
R x-Goat IgG (h&l) alkphos conj. cross adsorbed	A50-200AP
R x-Goat IgG (h&l) HRP conjugated cross adsorbed	A50-200P
D x-Goat IgG (h&l) affinity purified cross adsorbed	A50-201A
D x-Goat IgG (h&l) FITC conjugated cross adsorbed	A50-201F
D x-Goat IgG (h&l) HRP conjugated cross adsorbed	A50-201P

R = Rabbit

D = Donkey

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## MATERIAL SAFETY DATA SHEET

### Contents Description

This product contains FITC conjugated rabbit immunoglobulin G (IgG) protein in phosphate buffered saline (PBS) pH 7.2 with 0.2% BSA and 0.1% sodium azide ( $\text{NaN}_3$ ).

### Hazardous Ingredients

Rabbit IgG Protein - No known toxicity for this biological material.

Bovine Serum Albumin (BSA) - No known toxicity for this biological material.

Fluorescein isothiocyanate (FITC) - Harmful if inhaled, swallowed or absorbed through skin. In case of contact with eyes or skin immediately rinse with large volumes of water.

Sodium Azide ( $\text{NaN}_3$ ) - AZIDE FORMS EXPLOSIVE CHEMICAL COMPOUNDS WITH LEAD AND COPPER PLUMBING. CARE MUST BE TAKEN TO WASH WASTE DOWN DRAINS WITH LARGE VOLUMES OF WATER.

LD50 oral mouse - 27 mg/kg.

Wash all affected areas with large volumes of water and if swallowed consult your physician immediately.

The above information is believed to be correct but does not purport to be all-inclusive and is intended to be used only as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state, or local laws or regulations.