



Product Information Sheet

TRITC Conjugated Rabbit Anti-human IgG

Catalog No. BA1092-1

Size 1 mg

Ig Type IgG

Immunogen

Human IgG (whole molecular).

Storage

Store at 4 °C. Avoid light and multiple freeze-thaw cycles.

Expiration

One year from the day of shipment.

Applications

Immunocytochemistry (IC);

Direct Immunofluorescence (IF);

Immunohistochemistry (IHC).

Purification

This antibody was purified from antiserum by immunoaffinity chromatography which removes essentially all rabbit serum proteins, except the specific antibody for human IgG.

Raised in Rabbit

Clonality Polyclonal

Contents

1 mg of TRITC conjugated specific antibody (purity is above 99%), TRITC : Ab = 4-6 : 1; 0.01M PBS; 1% BSA; 0.01% Thimerosal. The emission and filtration wavelength of TRITC are 550 nm and 620 nm respectively.

Specificity

This TRITC conjugated antibody is specific for human IgG and shows no cross-reactivity with human IgA, IgM and other animal species IgG proteins.

Labeling Method

Rabbit anti-human IgG is conjugated to TRITC by means of a method described by Hijmans, W., et al.

(**Reference:** Hijmans, W., et al. Clin. Exp. Immunol., 4, 457(1969))

Preparation of Diluent Buffer

Add reagent grade BSA into 0.01 M PBS (PH7.2-7.6) or TBS buffer and make BSA at a concentration of 1%. Use the above diluent buffer to dilute. See "Recommended Dilutions" below for details.

Preparation of 0.01M **TBS**: Add 1.2g Tris, 8.5g NaCl; 450µl of purified acetic acid or 700µl of concentrated hydrochloric acid to 1000ml H₂O and adjust pH to 7.2-7.6. Finally, adjust the total volume to 1L.

Preparation of 0.01M **PBS**: Add 8.5g sodium chloride, 1.4g Na₂HPO₄ and 0.2g NaH₂PO₄ to 1000ml distilled water and adjust pH to 7.2-7.6. Finally, adjust the total volume to 1L.

Recommended Dilutions

IC 1: 16

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Direct IF	1: 16	<i>Optimal working dilutions must be determined by end user.</i>
IHC	1: 16	