

Datasheet for ABIN458311

Rabbit anti-Monkey IgG (Fab Region) Antibody (HRP) - Preadsorbed



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Overview

Quantity:	1 mL
Target:	IgG
Binding Specificity:	Fab Region
Reactivity:	Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	HRP
Application:	ELISA, Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified normal Fab of polyclonal rhesus monkey IgG. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Specificity:	The reactivity of the antiserum is directed to the Fab subunits of intact IgG, IgA IgM and other Ig classes of both light chain types, with their Fab or F(ab') ₂ subunits, and with free light chains of kappa and lambda type. In immunoelectrophoresis and double radial immunodiffusion using various antiserum concentrations against pooled monkey serum a characteristic precipitin line is obtained, which shows a reaction of identity with the precipitin line of the purified Fab
Characteristics:	Horseradish peroxidase-conjugated IgG fraction of polyclonal rabbit antiserum to monkey Fab of IgG. Peroxidase/IgG protein molar ratio (E/P) is approximately 1.7. Enzyme marker Horseradish

Product Details

peroxidase enriched for isoenzyme C (RZ=3.2).

Purification: Preadsorption: Immunoaffinity adsorbed using insolubilized antigens.

Target Details

Target: IgG

Abstract: [IgG Products](#)

Target Type: Antibody

Application Details

Application Notes: Direct staining of fixed cell and tissue substrates, to demonstrate the intracellular presence of free or Ig-bound subunits of both kappa or lambda type. In general this conjugate is not recommended as direct or indirect screening reagent for Ig isotypes on surface membranes of vital lymphoid cells. The activity to the common Ig/Fab subunit may result in the staining of immunoglobulins bound to the Fc-receptors on non-lymphoid cells. Combinations of isotype-specific reagents should be used instead for this purpose. This immunoconjugate is not pre-diluted.

The optimum working dilution of each conjugate should be established by titration before being used. Excess labelled antibody must be avoided because it may cause high unspecific background staining and interfere with the specific signal. Working dilutions for histochemical and cytochemical use are usually between 1:100 and 1:500, in ELISA and comparable non-precipitating antibody-binding assays between 1:5,000 and 1:10,000.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: It is reconstituted by adding 1 mL sterile distilled water, spun down to remove insoluble particles, divided into small aliquots, frozen and stored at or below -24 °C.

Concentration: 10 mg/mL

Buffer: Horseradish peroxidase-coupled purified hyperimmune rabbit IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2).

Preservative: Without preservative

Handling

Handling Advice:	Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase. Prior to use, an aliquot is thawed slowly at ambient temperature, spun down again and used to prepare working dilutions by adding sterile phosphate buffered saline (PBS, pH 7. 2). Repeated thawing and freezing should be avoided. Working dilutions should be stored at +4 °C, not refrozen, and preferably used the same day. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the immunoconjugate.
Storage:	4 °C/-20 °C
Storage Comment:	The lyophilized conjugate is shipped at ambient temperature and may be stored at +4 °C, prolonged storage at or below -24 °C.