Datasheet for ABIN458294

Goat anti-Monkey IgA, IgG, IgM (Fc Region) Antibody (HRP) - Preadsorbed

Go to Product page

Overview

Quantity:	1 mL
Target:	IgA, IgG, IgM
Binding Specificity:	Fc Region
Reactivity:	Monkey
Host:	Goat
Clonality:	Polyclonal
Conjugate:	HRP
Application:	ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified polyclonal monkey IgG, and IgA and IgM containing factions isolated from monkey serum. 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 Fc subunits of the major isotypes of the monkey immuno- globulin system. No reaction is obtained with purified IgG/Fab or any non-Ig protein of monkey serum, as tested by immunoelectrophoresis and double radial immunodiffusion. In immunoelectrophoresis and double radial immunodiffusion using various antiserum concentrations against normal monkey plasma and serum, the characteristic IgG, IgA and IgM precipitin lines are obtained.
Characteristics:	Horseradish peroxidase-conjugated IgG fraction of polyclonal goat antiserum to monkey IgG, IgA and IgM, Fc specific

Product Details

	Peroxidase/IgG protein molar ratio (E/P) is approximately 1.7. Enzyme marker Horseradish peroxidase enriched for isoenzyme C (RZ=3.2).
Purification:	Preadsorption: Immunoaffinity adsorbed using insolubilized Ig-depleted human serum fractions and IgG/Fab.

Target Details

Target:	IgA, IgG, IgM
Alternative Name:	IgG + IgA + IgM (IgA, IgG, IgM Products)
Target Type:	Antibody

Application Details

Application Notes:	In enzyme-immunocytochemical and immunohistochemical staining for the detection of cytoplasmic Ig at the cellular and subcellular level by staining of appropriately treated cell and tissue substrates, and to demonstrate circulating antibodies in serodiagnostic microbiology and autoimmune diseases. The absence of activity to the common Ig/Fab subunit prevents the reaction of this conjugate with immunoglobulins bounds to Fc receptors on non-lymphoid cells. 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 1:1,000 and 1:8,000.
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:	Peroxidase-coupled purified hyperimmune goat 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 in the dark 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, a nd 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.