

Datasheet for ABIN458292

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



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Overview

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

Product Details

Immunogen:	Purified normal IgG , IgA and IgM isolated from pooled rhesus 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 subunit of the major immunoglobulin isotypes which expresses strict isotypic (class) specificity. 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:	Biotin-conjugated IgG fraction of polyclonal goat antiserum to monkey IgG, IgA and IgM, Fc specific Biotin/IgG protein molar ratio (B/P) is approximately 8.0.
Purification:	PreadSORPTION: Immunoaffinity adsorbed using insolubilized antigens.

Target Details

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

Application Details

Application Notes:	<p>In immunocytochemical and immunohistochemical staining of immunoglobulins at the cellular and subcellular level of appropriately treated cell and tissue substrates, to demonstrate circulating antibodies in serodiagnostic microbiology and autoimmune diseases, to identify a specific antigen using a reference antibody of monkey origin in the middle layer of the indirect test procedure, in non-isotopic assay methodology (e.g. ELISA) to measure immunoglobulins in monkey serum or other body fluids. The absence of activity to the common Ig/Fab subunit prevents the reaction of this conjugate with immunoglobulins binds to Fc receptors on non-lymphoid cells. As a second step an avidin or streptavidin conjugate of the user's choice has to be used. This immunoconjugate is not pre-diluted.</p> <p>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 1:2,000 and 1:10,000.</p>
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Restrictions:	For Research Use only
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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:	Biotin-coupled purified hyperimmune goat IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2).
Preservative:	Without preservative
Handling Advice:	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

Handling

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.