Datasheet for ABIN458017

Goat anti-Human IgA (Fc Region) Antibody (Biotin)

Go to Product page

Overview

Quantity:	1 mL
Target:	IgA
Binding Specificity:	Fc Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	Biotin
Application:	ELISA, Western Blotting (WB), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Dot Blot (DB)

Product Details

Immunogen:	Purified polyclonal IgA and monoclonal IgA2 isolated from pooled human serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Specificity:	Biotin-conjugated IgG fraction of polyclonal Goat antiSerum to Human IgA, Fc specific
Cross-Reactivity (Details):	Inter-species cross-reactivity is a normal feature of antibodies to immunoglobulins, since Ig of different species frequently share antigenic determinants. Cross-reactivity of this immunoconjugate has not been tested in detail.
Characteristics:	The reactivity of the antiserum is directed to the Fc subunit of the IgA molecule which expresses strict isotypic (class) specificity. It does not react with any non-Ig protein in human serum, as tested by immunoelectrophoresis and double radial immunodiffusion. In immunocytochemical and immunohistochemical staining of IgA at the cellular and subcellular

Product Details

	level of appropriately treated cell and tissue substrates, to demonstrate circulating IgA antibodies in serodiagnostic microbiology and autoimmune diseases, to identify a specific antigen using a reference antibody of human origin known to be of the IgA isotype in the middle layer of the indirect test procedure, in non-isotopic assay methodology (e.g. ELISA) to measure IgA in human serum or other body fluids. As a second step an avidin or streptavidin conjugate of the user's choice has to be used. Antisera to IgA do not discriminate between serum IgA (monomeric and dimeric) and higher molecular forms such as secretory IgA. 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.
Purification:	Purified

Target Details

Target:	IgA
Abstract:	IgA Products
Target Type:	Antibody

Application Details

Application Notes:	ELISA,Immunocytochemistry,Immunohistochemistry (paraffin),Dot blot,Immunoblotting.
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 -20 °C.Biotin-coupled purified hyperimmune goat IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2). No preservative added, as it may interfere with the antibody activity. 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 -20 °C.
Buffer:	Biotin-coupled purified hyperimmune goat IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2). No preservative added, as it may interfere with the antibody activity.
Preservative:	Without preservative

Handling

Storage:	RT,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 -20°C. 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.