

Datasheet for ABIN458623

Goat anti-Rabbit IgA, IgG, IgM (Fab Region), (Light Chain) Antibody - Preadsorbed



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Overview

Quantity:	10 mg
Target:	IgA, IgG, IgM
Binding Specificity:	Fab Region, Light Chain
Reactivity:	Rabbit
Host:	Goat
Clonality:	Polyclonal
Application:	ELISA, Western Blotting (WB), Immunocytochemistry (ICC)

Product Details

Immunogen:	Highly purified IgG and pools of homogenous IgA and IgM isolated from rabbit 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 major isotypes of the rabbit immunoglobulin system (classes and both light chain types) including antibodies to common determinants, to class and to the surface determinants of the common Fab portion, as tested by immunoelectrophoresis and double radial immunodiffusion against pooled serum and purified immunoglobulins. In immunoelectrophoresis and double radial immunodiffusion using various antiserum concentrations against normal rabbit plasma and serum, the characteristic IgG, IgA and IgM precipitin lines are obtained.
Characteristics:	Purified IgG fraction of polyclonal goat antiserum to rabbit immunoglobulins IgG, IgA, IgM, heavy and light chains

Product Details

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: The cytochemical grade allows the use in different types of highly sensitive immunoassays on appropriately treated cell and tissue substrates, in radioimmunoassay, for the production of immunoconjugates with a selected marker, to prepare immunoaffinity adsorbents by coupling to an artificial carrier, in non-isotopic methodology based on solid phase immunochemistry (e.g. ELISA), both as catching antibody and detection reagent, in Western blotting. This product is not pre-diluted.

The optimum working dilution of each product should be established by titration before being used. Working dilutions for histochemical and cytochemical use are usually between 1:100 and 1:250, in ELISA and comparable non-precipitating antibody-binding assays are between 1:500 and 1:5,000.

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: 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 refrozen, and preferably used the same day. If a slight precipitation occurs upon storage, this

Handling

should be removed by centrifugation. It will not affect the performance of the product.

Storage: 4 °C/-20 °C

Storage Comment: The lyophilized product is shipped at ambient temperature and may be stored at +4 °C, prolonged storage at or below -24 °C.