

Datasheet for ABIN458246

Pig anti-Human IgG (Heavy & Light Chain) Antibody



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Overview

Quantity:	10 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Human
Host:	Pig
Clonality:	Polyclonal
Application:	ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified normal IgG isolated from pooled human 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 and Fab subunits of the IgG molecule. It includes a certain degree of reactivity with other immunoglobulins via the common Fab portion.
Characteristics:	Antibody titre: Precipitin titre not less than 1:64 when tested against normal human serum in agar block titration.
Purification:	No adsorption required. Hyperimmune antisera with strong precipitating activity are selected for fractionation by salt-precipitation and purification of the IgG fraction by DEAE-chromatography.

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody

Application Details

Application Notes:	As unlabelled primary or secondary reagent for indirect detection techniques, to prepare conjugates with markers of the user's own choice, to prepare an insoluble immunoaffinity adsorbent or a solid phase antibody reagent by coupling to an artificial carrier and as catching or detection antibody in non-isotopic methodology and solid phase immunochemistry. When applied in any cytochemical or histochemical procedure or solids phase coupling technique, the optimum concentration of the IgG preparation should always be established by titration. Typical working dilutions in histochemistry are usually between 1:100 and 1:500, in ELISA and comparable non-precipitating antibody-binding assays between 1:1,000 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 swine 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 should be removed by centrifugation. It will not affect the performance of the product.
Storage:	4 °C/-20 °C
Storage Comment:	The lyophilized IgG fraction is shipped at ambient temperature and may be stored at +4 °C, prolonged storage at or below -24 °C.