



[Go to Product page](#)

Datasheet for ABIN457784

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

Overview

Quantity:	10 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Guinea Pig
Host:	Pig
Clonality:	Polyclonal
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Dot Blot (DB)

Product Details

Immunogen:	Purified normal IgG isolated from pooled guinea pig serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Specificity:	Purified IgG fraction of polyclonal Swine antiSerum to Guinea Pig IgG, heavy and light chains.
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 antiSerum has not been tested in detail.
Characteristics:	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. It does not react with any non-Ig protein in guinea pig serum, as tested by immunoelectrophoresis and double radial immunodiffusion. 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

Product Details

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.

Purification: Purified

Target Details

Target: IgG

Abstract: [IgG Products](#)

Target Type: Antibody

Application Details

Application Notes: Indirect immunofluorescence,ELISA,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. Purified hyperimmune swine IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2). No preservative added, as it may interfere with the antibody activity. No foreign protein added. 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: Purified hyperimmune swine IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2). No preservative added, as it may interfere with the antibody activity. No foreign protein added.

Preservative: Without preservative

Storage: RT,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 -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.

Handling

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.