

Datasheet for ABIN5691534

Pig anti-Human IgG (Fc Region) Antibody



[Go to Product page](#)

Overview

Quantity:	1 mL
Target:	IgG
Binding Specificity:	Fc Region
Reactivity:	Human
Host:	Pig
Clonality:	Polyclonal
Application:	Immunoprecipitation (IP)

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.
Specificity:	Precipitating polyclonal Swine antiserum to Human IgG, Fc specific.
Cross-Reactivity (Details):	The antiserum does not cross-react with any other component of the human immuno-globulin system. 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, however in immunoelectrophoresis a reaction with Rhesus monkey, Cynomolgus and Baboon has been found.
Characteristics:	The reactivity of the antiserum is directed to the Fc subunit of the IgG molecule. In immunoelectrophoresis and double radial immunodiffusion, using various antiserum concentrations against normal human plasma and serum, a characteristic precipitin line is obtained which shows a reaction of identity with the precipitin line obtained with purified IgG. No reaction is obtained with purified IgA, IgM and IgG/Fab fragments or any other serum

Product Details

	protein.
Purification:	Delipidated, heat inactivated, stable whole serum
Sterility:	Heat-inactivated

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody

Application Details

Application Notes:	In immunoelectrophoresis use 2 µL or equivalent against 120 µL antiserum. In double radial immunodiffusion (Ouchterlony) use a rosette arrangement with 10 µL in a 3 mm diameter center well and 2 µL serum samples (neat and serially diluted) in 2 mm diameter peripheral wells.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute the lyophilized antiserum by adding 1 mL sterile distilled water. Delipidated, heat inactivated, lyophilized, stable whole antiserum. No preservative added. Total protein and IgG concentrations in the antiserum are comparable to those of pooled normal swine serum. No foreign proteins added. Reconstitute the lyophilized antiserum by adding 1 mL sterile distilled water.
Buffer:	Delipidated, heat inactivated, lyophilized, stable whole antiserum. No preservative added. Total protein and IgG concentrations in the antiserum are comparable to those of pooled normal swine serum. No foreign proteins added.
Preservative:	Without preservative
Storage:	RT, 4 °C, -20 °C
Storage Comment:	The lyophilized antiserum is shipped at ambient temperature and may be stored at +4°C, prolonged storage at or below -20°C. Dilutions may be prepared by adding phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. If a slight precipitation

occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the antiserum. Diluted antiserum should be stored at +4°C, not refrozen, and preferably used the same day.