

Datasheet for ABIN457777

Sheep anti-Guinea Pig IgG1 (Fc Region) Antibody[Go to Product page](#)

Overview

Quantity:	1 mL
Target:	IgG1
Binding Specificity:	Fc Region
Reactivity:	Guinea Pig
Host:	Sheep
Clonality:	Polyclonal
Application:	Immunodiffusion (ID), Immunoelectrophoresis (IEP)

Product Details

Immunogen:	Pools of purified normal IgG1 isolated from pooled guinea pig 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 subunit of subclass IgG1.
Characteristics:	Total protein and IgG concentration in the antiserum are comparable to those of pooled normal sheep serum. Antibody titre: Precipitin titre not less than 1:16 when tested against pooled normal guinea pig serum in agar block immu
Purification:	Delipidated, heat inactivated, lyophilized whole antiserum. Immunoaffinity adsorbed using insolubilized antigens as required to eliminate antibodies cross-reacting with other components of the immunoglobulin system or reacting with other serum proteins. Special attention is given to the removal of antibodies to common Ig/Fab. The use of insolubilized adsorption antigens prevents the presence of excess adsorbent protein or

Product Details

immune complexes in the antiserum.

Target Details

Target: IgG1

Abstract: [IgG1 Products](#)

Target Type: Antibody

Application Details

Application Notes: In precipitating techniques as immunoelectrophoresis and radial immunodiffusion to identify the presence of IgG1 in guinea pig serum and other body fluids or to determine its concentration.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute the lyophilized antiserum by adding 1 mL sterile distilled water.

Buffer: No foreign proteins added.

Preservative: Without preservative

Handling Advice: 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.

Storage: 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 -24 °C.