

## Polyclonal Antibody to Mouse IgG2ab (subclass specific) - Serum

<b>Alternate names:</b>	Mouse Immunoglobulin G2ab
<b>Catalog No.:</b>	AP21492SU-N
<b>Quantity:</b>	1 ml
<b>Concentration:</b>	Total protein and IgG concentration in the antiserum are comparable to those of pooled normal goat serum. No foreign proteins added.
<b>Host:</b>	Goat
<b>Immunogen:</b>	Pools of purified homogenous IgG2a and IgG2b isolated from mouse serum of strains belonging to the allelic types Igh-1a and Igh-1b. Freund's complete adjuvant is used in the first step of the immunization procedure.
<b>Format:</b>	<b>State:</b> Lyophilized (Delipidated, heat inactivated) stable whole antiserum without preservatives or foreign proteins. <b>Reconstitution:</b> Restore by adding 1 ml sterile distilled water
<b>Applications:</b>	In precipitating techniques as Immunoelectrophoresis and Radial Immunodiffusion to identify the presence of IgG2 in mouse serum and other body fluids or to determine its concentration. To prepare an immunoabsorbent for the purification of Mouse IgG2 from serum or plasma. <b>Recommended Dilutions:</b> Immunoelectrophoresis: Use 2 µl or equivalent against 120 µl antiserum. Double Radial Immunodiffusion (Ouchterlony): Use a rosette arrangement with 10 µl antiserum in a 3 mm diameter centre well and 2 µl serum samples (neat and diluted) in 2 mm diameter peripheral wells. <b>Antibody titre:</b> Precipitin titre not less than 1/16 when tested against pooled normal mouse serum in agar block immunodiffusion titration. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	The reactivity of the antiserum is directed to the subclasses IgG2a and IgG2b. The antiserum contains antibodies to iso and allospecific determinants. It does not react with other subclasses of IgG, IgG/Fab fragments, IgM and IgA or any non-Ig protein in Mouse serum, as tested by Immunoelectrophoresis and Double Radial Immunodiffusion. <b>Species:</b> Mouse. Other species not tested.
<b>Add. Information:</b>	Adsorption: 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 immune complexes in the antiserum.

**Storage:**

Store lyophilized at 2-8°C and reconstituted at 2-8°C for one week or (in aliquots) at -20°C for longer.

Avoid Repeated thawing and freezing.

Shelf life: one year from despatch.