



Goat anti-Mouse IgG2a (subclass specific), HRP conjugated

Qty: AS20 4488

AS20 4488 | Clonality: **Polyclonal** | Host: **Goat** | Reactivity: **Mouse IgG2a**

Price: 577 €

Antibody protocols

- Product Info
- Immunogen: Pools of purified homogenous IgG2a isolated from pooled mouse sera belonging to the allelic types Igh- 1a and Igh-1b, Freund's complete adjuvant is used in the first step of the immunization procedure,
 - Host: Goat
 - Clonality: Polyclonal
 - Purity: Purified goat IgG in PBS pH 7.2.
 - Format: Lyophilized
 - Quantity: 10 mg
- Reconstitution: For reconstitution add 1 ml of sterile water, Let it stand for 30 minutes at room temperature to dissolve, Prepare fresh working dilutions daily

The lyophilized conjugate is shipped at ambient temperature and may be stored at 4°C; prolonged storage at or below -20°C. 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. 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 immunoconjugate. Lyophilized at +4° C--at least 10 years. Reconstituted at or below -20° C--3-5 years. Reconstituted at +4° C--7 days.
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- Tested applications: Dot blot (Dot), ELISA (ELISA), Immunohistochemistry (paraffin) (IHC), Western blot (WB)
- Recommended dilution: 1 : 1000-1 : 10 000 (ELISA), 1 : 100-1 : 500 (IHC)
- Reactivity
- Confirmed reactivity: Mouse IgG2a
- Additional Information
 - Additional information: This immunoconjugate is not species-specific since inter-species cross-reactivity is a normal feature of antisera to immunoglobulins. However this conjugate has been passed over appropriate immunoabsorbents to remove antibodies cross-reacting with Human immunoglobulins. This renders it specific for use in test systems containing material of Human origin (e.g. Human tissue/Mouse monoclonal antibody to a Human tissue constituent/anti Mouse Ig isotype-specific immunoconjugate of antisera to immunoglobulins. However this conjugate has been passed over appropriate immuno-adsorbents to remove antibodies cross-reacting with Human immunoglobulins. This renders it specific for use in test systems containing material of Human origin (e.g. Human tissue/Mouse monoclonal antibody to a Human tissue constituent/anti Mouse Ig isotype-specific immunoconjugate
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- Background
 - Background: The reactivity of the antiserum is directed to the subclass IgG2a. It reacts with IgG2a of the allelic types Igh-1a and Igh-1b, which include BALB/C, C57Bl, CBA/J, SJL/J and SM/J. When used for the identification of IgG2a in other mouse strains the reaction may be weaker. The immunoconjugate 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.