

Product Datasheet

Sheep anti-Mouse IgG2a Secondary Antibody NBP2-69579

Unit Size: 1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-69579

Sheep anti-Mouse IgG2a Secondary Antibody

Product Information	
Unit Size	1 ml
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute the lyophilized antiserum by adding 1 ml sterile distilled water. Dilutions may be prepared by adding phosphate buffered saline (PBS, pH 7.2).
Purity	Whole Antiserum
Buffer	Whole antiserum
Product Description	
Description	The lyophilized antiserum is shipped at ambient temperature and may be stored at 4C; prolonged storage at or below -20C. 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 4C, not refrozen, and preferably used the same day.
Host	Sheep
Species	Mouse
Reactivity Notes	The antiserum does not cross-react with any other component of the Mouse Ig system. Inter-species crossreactivity 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; expected chance of cross-reactivity will be small.
Specificity/Sensitivity	The reactivity of the antiserum is directed to the subclass IgG2a. It reacts strongly with Ig2a of the allelic types Igh-1a and Igh-1b, which include BALB/C, C57BL, CBA/J, SJ/J and SM/J. When used for the identification of IgG2a in other mouse strains the reaction may be weaker. 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.
Immunogen	Highly purified normal homogenous IgG2a(1b) isolated from mouse serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Product Application Details	
Applications	Immunolectrophoresis
Recommended Dilutions	Immunolectrophoresis
Application Notes	Precipitation assays. In immunolectrophoresis use 2 ul or equivalent against 120 ul antiserum. In double radial immunodiffusion (Ouchterlony) use a rosette arrangement with 10 ul antiserum in a 3 mm diameter center well and 2 ul serum samples (neat and diluted) in 2 mm diameter peripheral wells. Precipitation assays



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Products Related to NBP2-69579

MAB006	Rat IgG2a Isotype Control (54447) [Unconjugated]
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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Secondary Antibodies are guaranteed for 1 year from date of receipt.

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