

Product Datasheet

Sheep anti-Mouse IgG2a Secondary Antibody [TRITC] NBP2-69565

Unit Size: 1 ml

Store at 4C in the dark.

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NBP2-69565

Sheep anti-Mouse IgG2a Secondary Antibody [TRITC]

Product Information	
Unit Size	1 ml
Concentration	LYOPH mg/ml
Storage	Store at 4C in the dark.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute by adding 1 ml sterile distilled water, spun down to remove insoluble particles, divided into small aliquots, frozen and stored at or below -20C.
Conjugate	TRITC
Purity	Ion exchange chromatography
Buffer	Lyophilized from PBS (pH 7.2)
Product Description	
Description	The lyophilized conjugate is shipped at ambient temperature and may be stored at 4C; prolonged storage at or below -20C. 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 4C, 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.
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 IgG2a 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	ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen
Recommended Dilutions	ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Immunohistochemistry-Frozen
Application Notes	(In)direct immunofluorescence



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Products Related to NBP2-69565

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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