

Product Datasheet

Goat anti-Mouse IgG1 Secondary Antibody [FITC] NBP2-69522

Unit Size: 1 ml

Store at 4C in the dark.

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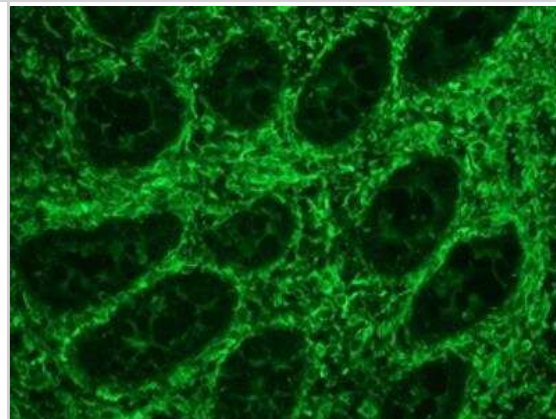
NBP2-69522**Goat anti-Mouse IgG1 Secondary Antibody [FITC]**

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	FITC
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 in the dark 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	Goat
Species	Mouse
Reactivity Notes	Inter-species cross-reactivity is a normal feature of antibodies to immunoglobulins, since Ig of different species frequently share antigenic determinants. However this conjugate has been passed over appropriate immunoabsorbent 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 an Human tissue constituent/anti Mouse Ig isotype specific immunoconjugate).
Specificity/Sensitivity	The reactivity of the antiserum is directed to the subclass IgG1 as tested against mouse sera and a panel of purified homogenous immunoglobulins. 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. Further tested on the level of sensitivity of direct and indirect immunofluorescence staining methods applied to lymphoid cells. When used on vital peripheral blood cells this immunoconjugate does not react with Fc receptors present on cell surface membranes.
Immunogen	Pools of highly purified homogenous IgG1 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



Images

Immunocytochemistry/Immunofluorescence: Goat anti-Mouse IgG1 Secondary Antibody [FITC] (Azide Free) [NBP2-69522] - used in a 1:100 dilution on swine colon, in combination with the primary monoclonal antibody to vimentin, RV202, used in a 1:1000 dilution. The green staining shows the connective tissue cells, while no staining is seen in the epithelial cells of the intestinal crypts.





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Products Related to NBP2-69522

MAB002	Mouse IgG1 Isotype Control (11711) [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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