

Product Datasheet

Goat anti-Mouse IgG2 Secondary Antibody NBP2-69548

Unit Size: 10 mg

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

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NBP2-69548**Goat anti-Mouse IgG2 Secondary Antibody**

Product Information	
Unit Size	10 mg
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 by adding 1 ml sterile distilled water, spun down to remove insoluble particles, divided into small aliquots, frozen and stored at or below -20C.
Purity	Ion exchange chromatography
Buffer	Lyophilized from PBS (pH 7.2)

Product Description	
Description	The lyophilized IgG (7S) fraction 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 product.
Host	Goat
Gene ID	3501
Gene Symbol	IGHG2
Species	Mouse
Reactivity Notes	This IgG fraction is not species-specific since inter-species cross-reactivity is a normal feature of antisera to immunoglobulins. However this product 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. If the IgG fraction is to be used in the presence of material originating from another species, prior screening for cross-reactivity is essential an additional adsorption of the reagent may required to ensure intra-assay specificity. In double radial immunodiffusion a reaction with Rat has been observed.
Specificity/Sensitivity	The reactivity of the antiserum is directed to the subclass IgG2a and IgG2b 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.
Immunogen	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.

Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Immunocytochemistry/ Immunofluorescence



Recommended Dilutions	Western Blot, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Dot Blot
Application Notes	Indirect immunofluorescence





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Products Related to NBP2-69548

AB-108-C	Goat IgG Isotype Control [Unconjugated]
NBP2-62076	IgG2 Antibody (RM118)
291-G1-200	IGF-I/IGF-1 [Unconjugated]
NB7276	Goat anti-Chicken IgM Heavy Chain Secondary Antibody

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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