

Product Datasheet

Goat F(ab')₂ anti-Mouse IgM Heavy Chain Secondary Antibody NB120-5925

Unit Size: 0.5 mg

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

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NB120-5925**Goat F(ab')₂ anti-Mouse IgM Heavy Chain Secondary Antibody**

Product Information	
Unit Size	0.5 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Multi-step
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	<p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgM coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Mouse IgM and Mouse Serum</p> <p>Store vial at 4C prior to opening. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing.</p>
Host	Goat
Gene ID	3507
Gene Symbol	IGHM
Species	Mouse
Specificity/Sensitivity	No reaction was observed against anti-Pepsin or anti-Goat IgG F(c). Specificity was confirmed by ELISA at less than 1% cross-reactivity against other mouse heavy or light chain isotypes.
Immunogen	Goat F(ab') ₂ anti-Mouse IgM Heavy Chain Secondary Antibody was produced by repeated immunization with Mouse IgM heavy chain in goat.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:200 - 1:2000, ELISA 1:2000 - 1:8000, Immunohistochemistry 1:1000 - 1:5000
Application Notes	This product has been tested by ELISA and SDS-PAGE and is suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. The maximum amount of reagent required to stain 1 x 10 ⁶ cells in flow cytometry is approximately 1.0 ug of antibody. Lesser amounts of reagent may be sufficient for staining. Optimal titers for other applications should be determined by the researcher. As a general guideline dilutions of 1:100 to 1:250 should be suitable for most applications.



Publications

Parra D, Rieger AM, Li J et al. Pivotal Advance: Peritoneal cavity B-1 B cells have phagocytic and microbicidal capacities and present phagocytosed antigen to CD4+ T cells. Journal of Leukocyte Biology. 2011-11-04 [PMID: 22058420]





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Products Related to NB120-5925

NB100-524	NOD2 Antibody (2D9) - BSA Free
NBP1-96772	Human IgM Heavy Chain Isotype Control
7268-CT-100	CTLA-4 [Unconjugated]
NB200-541	Complement C4b/d Antibody (16D2)

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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