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Product Datasheet

Goat F(ab)2 anti-Mouse IgM (μ)-unconj., MinX none DNA-SEC-183780

Article Name	Goat F(ab)2 anti-Mouse IgM (μ)-unconj., MinX none
Biozol Catalog Number	DNA-SEC-183780
Supplier Catalog Number	SEC-183780
Alternative Catalog Number	DNA-SEC-183780
Manufacturer	dianova
Host	Goat
Category	Antikörper
Application	ELISA,IHC,WB
Species Reactivity	Mouse
Immunogen	Anti-Mouse IgM was produced by repeated immunization with Mouse IgM heavy chain in goat.
Conjugation	Unconjugated
Format	F(ab')2
Target Specificity	IgM (μ)
Cross-Adsorption (MinX)	no cross-adsorbtion
Product Description	F(ab)2 anti-Mouse IgM antibody was generated by enzymatic cleavage and subsequent separation from the Fc fragment. Because of their smaller size, F(ab)2 fragments offer several advantages over intact antibodies for use in certain immunochemical techn...
Clonality	Polyclonal

Concentration	1.0 mg/mL
Isotype	Ig
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	F(ab') ₂ anti-Mouse IgM antibody 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. 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.
Form	Liquid (sterile filtered)
Formula	20 mM K ₃ PO ₄ , 150 mM NaCl, pH 7.2, sterile filtered, 0.01% NaN ₃
Target	Mouse
Antibody Type	Secondary Antibody
Application Dilute	ELISA Dilution: 1:2,000 - 1:8,000, Immunohistochemistry Dilution: 1:1,000 - 1:5,000, Western Blot Dilution: 1:200 - 1:2,000
Application Notes	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 µg 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.