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Product Datasheet

Donkey F(ab)2 anti-Human IgM (μ)-RPE, MinX Bo,Ho DNA-SEC-183767

Article Name	Donkey F(ab)2 anti-Human IgM (μ)-RPE, MinX Bo,Ho
Biozol Catalog Number	DNA-SEC-183767
Supplier Catalog Number	SEC-183767
Alternative Catalog Number	DNA-SEC-183767
Manufacturer	dianova
Host	Donkey
Category	Antikörper
Application	FACS,IF
Species Reactivity	Human
Immunogen	Human IgM Fc5μ fragment
Conjugation	RPE
Format	F(ab')2
Target Specificity	IgM (μ)
Cross-Adsorption (MinX)	Bovine,Equine
Product Description	F(ab)2 Anti-Human IgM Fc5μ Phycoerythrin Antibody generated in donkey detects specifically the Fc5μ portion of the human IgM heavy chain. Immunoglobulin M is the largest antibody isotype and the first to be secreted against an initial exposure to ant...
Clonality	Polyclonal

Concentration	0.5 mg/mL
Isotype	Ig
Buffer	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Human 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-Phycoerythrin, anti-Donkey Serum, Human IgM, Human IgM Fc5 μ and Human Serum. No reaction was observed against anti-Pepsin, anti-Donkey IgG F(c), Bovine or Horse Serum Proteins, or other human heavy or light chain proteins.
Form	Lyophilized
Formula	10 mM NaPO ₄ , 250 mM NaCl, pH 7.2, lyophilisate, 0.05% NaN ₃
Target	Human
Antibody Type	Secondary Antibody
Application Dilute	Flow Cytometry Dilution: 1:100 - 1:250, IF Microscopy Dilution: 1:100 - 1:250
Application Notes	F(ab') ₂ Anti-Human IgM Fc5 μ Phycoerythrin Antibody is suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent 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 μ g of antibody conjugate. 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 1:50 to 1:200 should be suitable for most applications.