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Product Datasheet

Goat F(ab)2 anti-Rat IgG (F(ab)2)-unconj., MinX Bo,Ho,Hu, Polyclonal , Unconjugated DNA-SEC-183856

Article Name	Goat F(ab)2 anti-Rat IgG (F(ab)2)-unconj., MinX Bo,Ho,Hu, Polyclonal , Unconjugated
Biozol Catalog Number	DNA-SEC-183856
Supplier Catalog Number	SEC-183856
Alternative Catalog Number	DNA-SEC-183856
Manufacturer	dianova
Host	Goat
Category	Antikörper
Application	ELISA,IHC,WB
Species Reactivity	Rat
Immunogen	Rat IgG F(ab)2 fragment
Conjugation	Unconjugated
Format	F(ab')2
Target Specificity	IgG (F(ab')2)
Cross-Adsorption (MinX)	Bovine,Equine,Human
Product Description	F(ab)2 Anti-Rat IgG F(ab)2 Antibody generated in goat detects Rat F(ab)2. Representing approximately 75% of serum immunoglobulins, IgG is the most abundant antibody isotype found in the circulation. IgG molecules are synthesized and secreted by plasm...

Clonality	Polyclonal
Concentration	1.3 mg/mL
Isotype	Ig
Buffer	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Purity	F(ab') ₂ Rat IgG F(ab') ₂ Antibody Pre-Adsorbed was prepared from monospecific antiserum by immunoaffinity chromatography using Rat IgG 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, Rat IgG, Rat IgG F(ab') ₂ and Rat Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c), Rat IgG F(c) or Bovine, Horse and Human Serum Proteins.
Form	Liquid (sterile filtered)
Formula	10 mM NaPO ₄ , 250 mM NaCl, pH 7.2, sterile filtered, Azide/BSA free
Target	Rat
Antibody Type	Secondary Antibody
Application Dilute	ELISA Dilution: 1:20,000 - 1:100,000, Immunohistochemistry Dilution: 1:1,000 - 1:5,000, Western Blot Dilution: 1:2,000 - 1:10,000
Application Notes	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 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.