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## Product Datasheet

### Rabbit F(ab)2 Anti-Cat IgG F(ab)2 Antibody - 302-4104, Unconjugated, Polyclonal DNA-SEC-182651

Article Name	Rabbit F(ab)2 Anti-Cat IgG F(ab)2 Antibody - 302-4104, Unconjugated, Polyclonal
Biozol Catalog Number	DNA-SEC-182651
Supplier Catalog Number	DNA-SEC-182651
Alternative Catalog Number	DNA-SEC-182651
Manufacturer	dianova
Host	Rabbit
Category	Antikörper
Application	ELISA,IHC,WB
Species Reactivity	Feline
Immunogen	Cat IgG F(ab)2 fragment
Conjugation	Unconjugated
Format	F(ab')2
Target Specificity	IgG (F(ab')2)
Cross-Adsorption (MinX)	no cross-adsorbtion
Product Description	F(ab)2 Anti-Cat IgG F(ab)2 Antibody generated in rabbit detects Cat 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 pla...

Clonality	Polyclonal
Isotype	Ig
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	This product is a F(ab)2 fragment of IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation, ion exchange chromatography and pepsin digestion followed by chromatographic separation and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum, Cat IgG, Cat IgG F(ab)2 and Cat Serum. No reaction was observed against Cat IgG F(c), anti-Rabbit IgG F(c) or anti-Pepsin.
Form	Lyophilized
Formula	20 mM K3PO4,150 mM NaCl,pH 7,2,lyophilisate,Azide/BSA free
Target	Cat
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 10E6 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.