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## Product Datasheet

### Goat IgG anti-Cat IgG (F(ab)2)-Biotin, MinX none DNA-SEC-182757

Article Name	Goat IgG anti-Cat IgG (F(ab)2)-Biotin, MinX none
Biozol Catalog Number	DNA-SEC-182757
Supplier Catalog Number	SEC-182757
Alternative Catalog Number	DNA-SEC-182757
Manufacturer	dianova
Host	Goat
Category	Antikörper
Application	ELISA,IHC,WB
Species Reactivity	Feline
Immunogen	Cat IgG F(ab)2 fragment
Conjugation	Biotin
Format	IgG
Target Specificity	IgG (F(ab')2)
Cross-Adsorption (MinX)	no cross-adsorbtion
Product Description	Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. Immunoglobulin G binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglu...
Clonality	Polyclonal

Concentration	2.0 mg/mL
Isotype	Ig
Buffer	0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Cat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Goat Serum, Cat IgG, Cat IgG F(ab') <sub>2</sub> and Cat Serum. No reaction was observed against Cat IgG F(c).
Form	Lyophilized
Formula	10 mM NaPO <sub>4</sub> , 150 mM NaCl, pH 7.2, lyophilisate, 0.01% NaN <sub>3</sub>
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	This product has been assayed against 1.0 ug of Cat IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:20,000 to 1:100,000 is suggested for this product.