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## Product Datasheet

### Rabbit IgG anti-Dog IgM ( $\mu$ )-HRPO, MinX none DNA-SEC-182517

Article Name	Rabbit IgG anti-Dog IgM ( $\mu$ )-HRPO, MinX none
Biozol Catalog Number	DNA-SEC-182517
Supplier Catalog Number	SEC-182517
Alternative Catalog Number	DNA-SEC-182517
Manufacturer	dianova
Host	Rabbit
Category	Antikörper
Application	ELISA,IHC,WB
Species Reactivity	Canine
Immunogen	Dog IgM mu heavy chain
Conjugation	HRPO
Format	IgG
Target Specificity	IgM ( $\mu$ )
Cross-Adsorption (MinX)	no cross-adsorbtion
Product Description	Anti-Dog IgM antibody specifically detects dog IgM. Immunoglobulin M is the largest antibody isotype and the first to be secreted against an initial exposure to antigen. IgM is predominantly produced in the spleen. Formed from covalently linking 5 im...
Clonality	Polyclonal

Concentration	10.0 mg/mL
Isotype	Ig
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	Dog IgM mu chain Antibody Peroxidase Conjugated is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Dog IgM and Dog Serum. No reaction was observed against Dog IgG.
Form	Lyophilized
Formula	20 mM K3PO4,150 mM NaCl,pH 7,2,lyophilisate,0,01% Gentamicin
Target	Dog
Antibody Type	Secondary Antibody
Application Dilute	ELISA Dilution: 1:10,000 - 1:50,000, Immunohistochemistry Dilution: 1:500 - 1:2,500, Western Blot Dilution: 1:1,000 - 1:10,000
Application Notes	Dog IgM mu chain Antibody Peroxidase Conjugated has been assayed against 1.0 ug of Dog IgM in a standard capture ELISA using 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 1:4,000 to 1:20,000 of the reconstitution concentration is suggested for this product.