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## Product Datasheet

### **Rabbit Anti-Dog IgM mu chain Antibody Peroxidase Conjugated - 204-4307, HRP, Polyclonal DNA-SEC-182517**

Article Name	Rabbit Anti-Dog IgM mu chain Antibody Peroxidase Conjugated - 204-4307, HRP, Polyclonal
Biozol Catalog Number	DNA-SEC-182517
Supplier Catalog Number	DNA-SEC-182517
Alternative Catalog Number	DNA-SEC-182517
Manufacturer	dianova
Host	Rabbit
Category	Antikörper
Application	DOT, ELISA
Species Reactivity	Canine
Immunogen	Dog IgM mu heavy chain
Conjugation	HRP
Format	IgG
Target Specificity	IgM (μ)
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	Anti-Dog IgM mu chain Peroxidase Conjugated has been tested dot blot and ELISA. This product is 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.