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## Product Datasheet

### Rabbit Anti-Rat IgM Antibody Peroxidase Conjugated - 612-4307, HRP, Polyclonal DNA-SEC-183504

Article Name	Rabbit Anti-Rat IgM Antibody Peroxidase Conjugated - 612-4307, HRP, Polyclonal
Biozol Catalog Number	DNA-SEC-183504
Supplier Catalog Number	DNA-SEC-183504
Alternative Catalog Number	DNA-SEC-183504
Manufacturer	dianova
Host	Rabbit
Category	Antikörper
Application	ELISA
Species Reactivity	Rat
Immunogen	Rat IgM whole molecule
Conjugation	HRP
Format	IgG
Target Specificity	IgM (μ)
Cross-Adsorption (MinX)	no cross-adsorbtion
Product Description	Anti-Rat IgM antibody generated in rabbit specifically detects rat IgM heavy chain. 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. For...

Clonality	Polyclonal
Concentration	1.5 mg/mL
Isotype	Ig
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	Anti-Rat IgM (mu chain) was prepared from monospecific antiserum by immunoaffinity chromatography using antigens 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-Peroxidase, anti-Rabbit Serum, Rat IgM and Rat Serum. No reaction was observed against other rat heavy or light chain proteins.
Form	Lyophilized
Formula	20 mM K3PO4,150 mM NaCl,pH 7,2,lyophilisate,0,01% Gentamicin
Target	Rat
Antibody Type	Secondary Antibody
Application Dilute	ELISA Dilution: 1:30,000 - 1:70,000, Immunohistochemistry Dilution: 1:500 - 1:2,500, Western Blot Dilution: 1:1,000 - 1:5,000
Application Notes	Anti-Rat IgM (mu chain) Peroxidase Conjugated antibody has been tested by ELISA and is suitable for ELISA, Western Blot and Immunohistochemistry. Antibody should be optimized by the end user for specific reactive conditions.