

## Product Datasheet

### Horse IgM mu chain Antibody Peroxidase Conjugated (orb346637)

<b>Catalog Number</b>	orb346637
<b>Category</b>	Antibodies
<b>Description</b>	Horse IgM mu chain antibody (Peroxidase)
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	HRP
<b>Reactivity</b>	Equine
<b>Form/Appearance</b>	Lyophilized
<b>Concentration</b>	10.0 mg/mL
<b>Buffer/Preservatives</b>	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
<b>Purity</b>	This product 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, Horse IgM and Horse Serum. No reaction was observed against Horse IgG.
<b>Immunogen</b>	Horse IgM mu heavy chain
<b>Tested applications</b>	DOT, ELISA

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<b>Dilution range</b>	Anti-Horse IgM Peroxidase conjugate has been tested by ELISA and dot blot.
<b>Application notes</b>	Anti-Horse IgM Peroxidase conjugate has been tested by ELISA and dot blot. This product has been assayed against 1.0 ug of Horse IgM in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:3,000 to 1:15,000 of the reconstitution concentration is suggested for this product.
<b>Antibody Type</b>	Secondary Antibody
<b>Storage</b>	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
<b>Note</b>	For research use only



Dot Blot results of Rabbit Anti-Horse IgM Antibody Peroxidase Conjugated. Dots are Horse IgM at (1) 100 ng, (2) 33.3 ng, (3) 11.1 ng, (4) 3.70 ng, (5) 1.23 ng. Blocking: orb348637 for 30 min at RT. Primary Antibody: Rabbit Anti-Horse IgM Antibody HRP at 10 µg/ml for 1hr at RT. Secondary Antibody: none.

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