

# Product Datasheet

## Rabbit anti-Porcine IgM Heavy Chain Secondary Antibody [HRP] NBP1-73908-10mg

Unit Size: 10 mg

Store at -20C in the dark. Avoid freeze-thaw cycles.

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**NBP1-73908-10mg**

Rabbit anti-Porcine IgM Heavy Chain Secondary Antibody [HRP]

Product Information	
Unit Size	10 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C in the dark. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Gentamicin Sulfate
Conjugate	HRP
Purity	Multi-step
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

Product Description	
Description	This antibody is 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.
Host	Rabbit
Gene ID	3507
Gene Symbol	IGHM
Species	Porcine
Specificity/Sensitivity	No reaction was observed against Swine IgG.
Immunogen	Swine IgM mu heavy chain
Notes	<p>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 cross adsorption and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Swine IgM and Swine Serum</p> <p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C 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 4C as an undiluted liquid. Dilute only prior to immediate use.</p>

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000 - 1:10000, ELISA 1:10000 - 1:50000, Immunohistochemistry 1:500 - 1:2500, Immunohistochemistry-Paraffin
Application Notes	<p>This secondary antibody has been assayed against 1.0 ug of Swine IgM in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:2,000 to 1:8,000 of the reconstitution concentration is suggested for this product.</p> <p>NOTE: Do NOT add Sodium Azide (it inhibits HRP irreversibly).</p>



## Publications

Sadeghipour H, Torabi R, Gottschall J et al. Blockade of IgM-Mediated Inflammation Alters Wound Progression in a Swine Model of Partial-Thickness Burn J Burn Care Res 2016-11-02 [PMID: 27801682] (IHC-P)



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### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Secondary Antibodies are guaranteed for 1 year from date of receipt.

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