Goat anti-mouse IgM, polyclonal antibody (HRP conjugate)

Immunoglobulin M (IgM) is an immunoglobulin expressed initially on the surface of B-cells as a monomer of two mu heavy chains and two light chains. Following B-cell activation, IgM is secreted in its pentameric form, consisting of five IgM molecules joined at the base of the Fc domain by a J chain. IgM is the first Immunoglobulin expressed following infection.

This antibody is covered by our Worry-Free Guarantee.

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ADI-SAB-110-J	1ml

Manuals, SDS & CofA View Online »

Handling & Storage

Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Application	ELISA, IHC, WB
Crossreactivity	May cross-react with IgM from other species.
Formulation	Liquid. In 0.005M sodium phosphate, pH 7.6, containing 0.125M sodium chloride, 7.5mg/mL BSA, and 50% glycerol.
Host	Goat
Immunogen	Purified mouse IgM.
Purity Detail	Immunoaffinity purified.
Quality Control	The goat antiserum was immunoaffinity purified to isolate anti-mouse IgM μ-chain specific antibodies which were then adsorbed with human IgG and conjugated to horseradish peroxidase (HRP).
Recommendation Dilutions/Conditions	ELISA (1:2,500-50,000)Immunohistochemistry (1:250-2500)Western Blot (1:2500-50,000 colorimetric, 1:5,000-100,000 ECL)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Species Reactivity	Mouse
Specificity	Based on immunoelectrophoresis and/or ELISA, the antibody reacts with the heavy chain of mouse IgM but not with mouse IgG or the light chains of mouse immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins.
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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