

HRP Conjugated Goat Anti-mouse IgM Secondary Antibody

HRP Conjugated Goat Anti-mouse IgM (u-chain specific) secondary antibody

CATALOG # AAA45603	HOST Goat	REACTIVITY Mouse	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

HRP Conjugated Goat Anti-mouse IgM; Polyclonal Secondary Antibody; HRP Conjugated Goat Anti-mouse IgM (u-chain specific) secondary antibody; HRP Conjugated Goat Anti-mouse IgM secondary antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgM
Specificity	This peroxidase conjugated antibody is specific for mouse IgM and shows no cross-reactivity with mouse IgG.
Purity/Purification	The antibody was purified from antiserum by immunoaffinity chromatography.
Form/Format	Concentrated, Liquid; 0.25 mg of peroxidase conjugated specific antibody, 0.01 M PBS (pH7.4), 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Applicable Applications for HRP Conjugated Goat Anti-mouse IgM secondary antibody	ELISA, WB (Western Blot)
Immunogen	Mouse IgM (whole molecular).
Labeling Method	Goat anti-mouse IgM is conjugated to peroxidase by means of a method described by Wilson MB and Nakane PK. (Reference: Wilson MB and Nakane PK. In Immunofluorescence and Related Staining Techniques, Elsevier/North Holland Biomedical Press, Amsterdam, P215 (1978).)
Preparation of Diluent Buffer	Use 0.01M TBS or 0.01M PBS to dilute. See "Recommended Dilutions" below for details. - Preparation of 0.01M TBS: Add 1.2g Tris, 8.5g NaCl; 450ul of purified acetic acid or 700ul of concentrated hydrochloric acid to 1000ml H ₂ O and adjust pH to 7.2-7.6. Finally, adjust the total volume to 1L. - Preparation of 0.01 M PBS: Add 8.5g sodium chloride, 1.4g Na ₂ HPO ₄ and 0.2g NaH ₂ PO ₄ to 1000ml distilled water and adjust pH to 7.2-7.6. Finally, adjust the total volume to 1L.
Preparation and Storage	Store at -20°C for one year from date of receipt. Avoid repeated freezing and thawing.

ADDITIONAL INFORMATION

Related Product Information for HRP Conjugated Goat Anti-mouse IgM secondary antibody	This antibody is purified from antiserum by immunoaffinity chromatography which removes essentially all goat serum proteins, except the specific antibody for mouse IgM.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.