

IgG (H&L) Secondary Antibody

Goat anti-Mouse IgG (H&L) - Affinity Pure, Biotin Conjugate, min x w/bovine, goat, human, rabbit or rat IgG

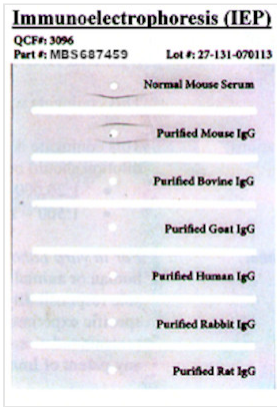
CATALOG # AAA79064	HOST Goat	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

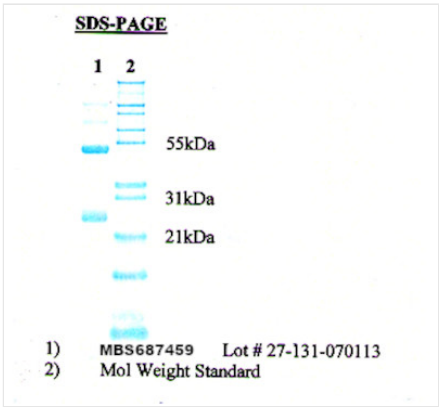
IgG (H&L); Goat anti-Mouse IgG (H&L) - Affinity Pure; Biotin Conjugate; min x w/bovine; goat; human; rabbit or rat IgG; IgG (H&L) secondary antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Mouse
Specificity	Based on IEP, this antibody reacts with: • Heavy (gamma) chains on mouse IgG • Light chains on all mouse immunoglobulins
Purity/Purification	Affinity purified antibody is > 95% based on SDS-PAGE Affinity purified using solid phase Mouse IgG.
Form/Format	10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) BSA, Protease/IgG free
Concentration	1.0 at mg of antibody at 1.50 mg/ml (E 1% at 280 nm = 13.0) (varies by lot)
Sequence Length	124
Applicable Applications for IgG (H&L) secondary antibody	IHC (Immunohistochemistry), ELISA
Conjugate	Biotin
Immunogen	Purified Mouse IgG, whole molecule
Preservative	0.05% (w/v) Sodium Azide
Cross-Reactivity	Mouse. Cross Reactivity: Based on IEP, no reactivity is observed to: non-immunoglobulin mouse serum proteins bovine, goat, human, rabbit or rat IgG Based on ELISA, this antibody has <1% reactivity to: rat IgG
Preparation and Storage	Store undiluted liquid at 2-8 degree C. Prepare working dilution prior to use and then discard.



IEP (Immunoelectrophoresis)



SDS-PAGE

Testing Results		
PRODUCT:	Goat anti-Mouse IgG (H&L), Biotin Conjugate	
PART NUMBER:	MBS687459	
LOT NUMBER:	38-117-022014	
TESTS	SPECIFICATIONS	RESULTS
Appearance:	Clear, colorless liquid	PASS
Purity:	Two predominant bands at 50 and 24 kDa based on SDS-PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with: - heavy (γ) chains on Mouse IgG - light chains on all Mouse immunoglobulins	PASS PASS
Cross Reactivity:	Based on IEP, no precipitin bands are observed to: - non-immunoglobulin Mouse serum proteins - IgG from Bovine, Goat, Human, Rabbit, or Rat Based on ELISA, this antibody has ≤ 1 % reactivity to: - Rat IgG	PASS PASS PASS
ELISA:	Dilution giving A ₄₀₅ reading of ≥ 1.0 when tested against Mouse IgG (H&L) coated at 2 µg/ml	1: >700,000

Application Data

ADDITIONAL INFORMATION

Product Categories/Family for IgG (H&L) secondary antibody	Secondary Antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	554058
NCBI Official Full Name	IgG, partial

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.

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Online datasheet: <https://stage.aaabiotech.com/goat-mouse-secondary-antibody/igg-hl/79064>