

IgG (H&L), F(ab)'2 Fragment Secondary Antibody

Goat anti-Mouse IgG (H&L), F(ab)'2 Fragment - Affinity Pure, Biotin Conjugate, min x w/human IgG or serum proteins

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA79065	Goat	Mouse	Flow Cytometry, Functional Assay, Western Blot, Immunohistochemistry, ELISA

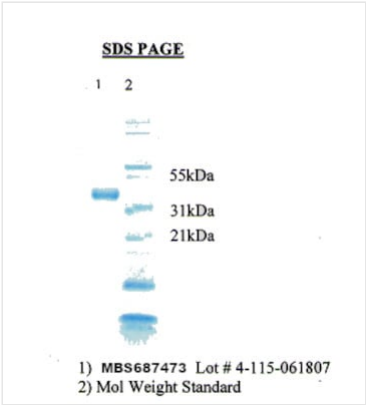
PRODUCT SYNONYMS

IgG (H&L); F(ab)'2 Fragment; Goat anti-Mouse IgG (H&L); F(ab)'2 Fragment - Affinity Pure; Biotin Conjugate; min x w/human IgG or serum proteins; F(ab)'2 Fragment 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	> 90% based on SDS-PAGE Small amounts of intact IgG may be present. 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	1.5 mg/ml ($E^{1\%}_{1\text{cm}}$ at 280 nm = 13.0) (varies by lot)
Sequence Length	124
Applicable Applications for IgG (H&L), F(ab)'2 Fragment secondary antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), IHC (Immunohistochemistry), ELISA
Conjugate	Biotin
Immunogen	Purified Mouse IgG, whole molecule
Preservative	0.05% (w/v) Sodium Azide
Cross Reactivity	Based on IEP, no reactivity is observed to: non-immunoglobulin mouse serum immunoglobulins Human IgG or serum proteins
Preparation and Storage	Store at 2-8 degree C. Prepare working dilution prior to use and then discard.

IMAGES



Testing Results		
Product:	Goat anti-Mouse IgG (H&L), F(ab)'2 Fragment, Biotin Conjugate	
Part Number:	MBS687473	
Lot Number:	20-113-010312	
TESTS	SPECIFICATIONS	RESULTS
Appearance:	Clear, colorless liquid	PASS
Purity:	One predominant band at 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	PASS
ELISA:	Dilution giving A ₄₀₅ reading of ≥1.0 when tested against mouse IgG (H&L) coated at 2µg/ml	365,000

Application Data

SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for IgG (H&L), F(ab)'2 Fragment 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-f-ab-2-fragment/79065>