

Goat IgG Polyclonal Antibody | anti-IgG antibody

GOAT ANTI MOUSE IgG:FITC (RAT ADSORBED)

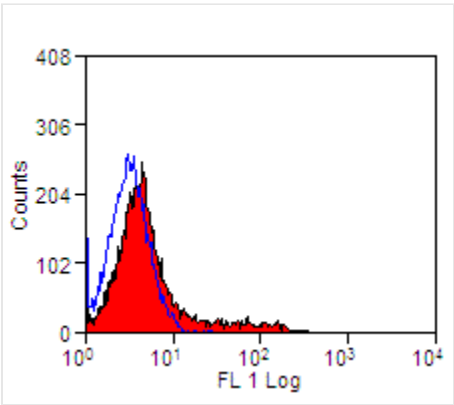
CATALOG # AAA12304	HOST Goat	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

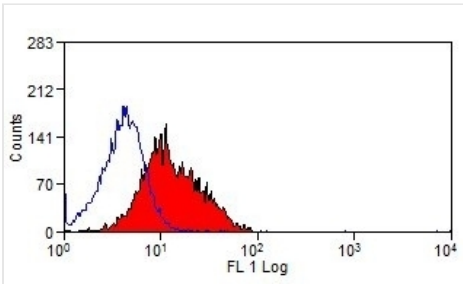
IgG; Polyclonal Antibody; GOAT ANTI MOUSE IgG:FITC (RAT ADSORBED); anti-IgG antibody

PRODUCT SPECIFICATIONS

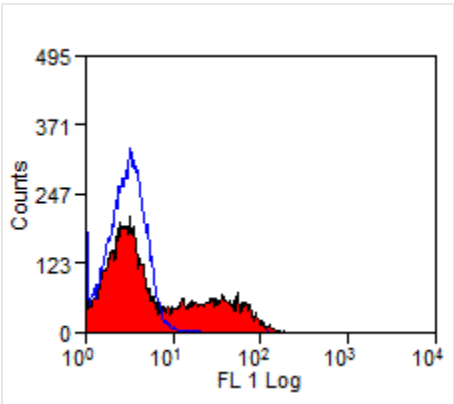
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Specificity	This item recognises mouse IgG. The reagent has been adsorbed to minimise cross-reactivity with rat immunoglobulins and is therefore of particular value in detecting mouse primary antibodies bound to rat tissues. Goat IgG shows minimal binding to Fc receptors on rat tissue. We recommend diluting this product in buffer containing 10% normal rat serum to remove any residual cross-reactivity.
Form/Format	FITC Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Concentration	IgG concentration 0.5 mg/ml (varies by lot)
Sequence Length	393
Applicable Applications for anti-IgG antibody	FCM/FACS (Flow Cytometry)
Application Notes	Flow Cytometry: Use 50ul of the suggested working dilution to label 106 cells in 100ul. Flow Cytometry: Minimum Dilution: 1/50; Maximum Dilution: 1/200
Perservative Stabilisers	0.09% Sodium Azide 1% Bovine Serum Albumin
Immunogen	Mouse IgG Buffer Solution
Antiserum Preparation	Antisera to mouse IgG were raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.
Target Species	Mouse
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost free freezers is not recommended. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.



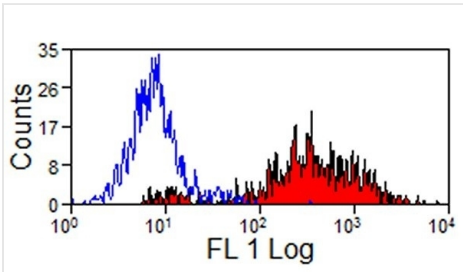
Application Data
Detection of Mouse anti Bovine CD86 in a flow cytometric analysis of bovine peripheral blood lymphocytes using Goat anti Mouse IgG:FITC (AAA12304)



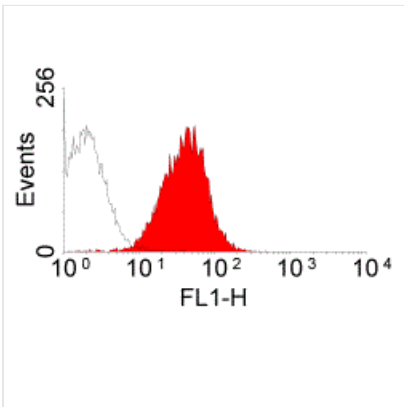
Application Data
Detection of Mouse anti Bovine CD80 in a flow cytometric analysis of bovine peripheral blood monocytes using Goat anti mouse IgG:FITC (AAA12304)



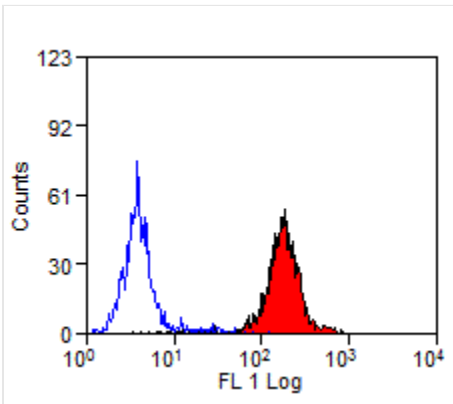
Application Data
Detection of Mouse anti Bovine CD40 in a flow cytometric analysis of bovine peripheral blood lymphocytes using Goat anti Mouse IgG:FITC (AAA12304)



Application Data
Detection of Mouse anti Porcine SLA Class II DR in a flow cytometric analysis of porcine peripheral blood monocytes using goat anti Mouse IgG:FITC (AAA12304)



Application Data
Detection of Mouse anti Rat RT1Ac in a flow cytometric analysis of BN rat spleen cells using Goat anti Mouse IgG:FITC (AAA12304)



Application Data
Flow cytometric detection of CD1c staining on bovine peripheral blood monocytes using Goat anti Mouse IgG:FITC (AAA12304) to bind Mouse anti Bovine CD1c

ADDITIONAL INFORMATION

Related Product Information for anti-IgG antibody	MBS235149 recognises mouse IgG. The reagent has been adsorbed to minimise cross-reactivity with rat immunoglobulins and is therefore of particular value in detecting mouse primary antibodies bound to rat tissues. Goat IgG shows minimal binding to Fc receptors on rat tissue. We recommend diluting this product in buffer containing 10% normal rat serum to remove any residual cross-reactivity.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	121038
Molecular Weight	35,705 Da
NCBI Official Full Name	Ig gamma-1 chain C region, membrane-bound form, partial
UniProt Protein Name	Ig gamma-1 chain C region, membrane-bound form
UniProt Gene Name	Ighg1
UniProt Synonym Gene Names	Igh-4
UniProt Entry Name	IGH1M_MOUSE

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://www.aaabiotech.com/polyclonal/igg-antibody-flow-cytometry-elisa/12304>