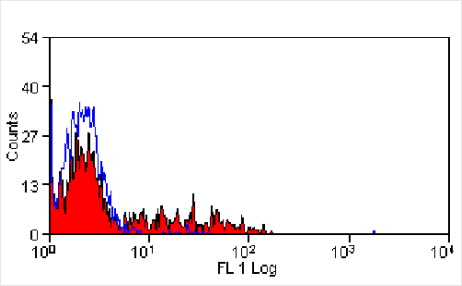
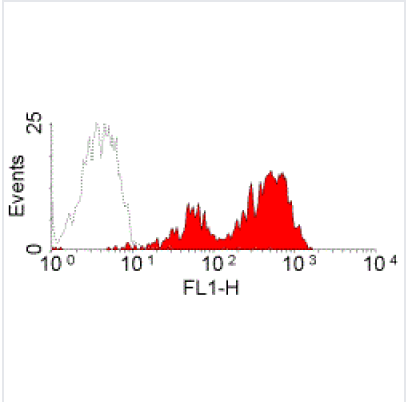
IgG Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

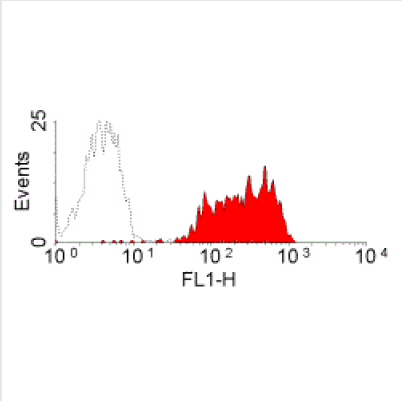
Product Name	IgG, Polyclonal Antibody
Full Product Name	RABBIT F(ab')2 ANTI MOUSE IgG:FITC
Product Gene Name	anti-IgG antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Form/Format	FITC F(ab')2 fragment of IgG conjugated to Fluorescein Isothiocyanate Isomer I (FITC) - liquid
Concentration	F(ab')2 concentration 1.0 mg/ml (lot specific)
Specificity	Mouse IgG (all subclasses). Cross reactivity with mouse IgM and IgA is expected.Cross reactivity with rat IgG is expected. Cross reactivity with human serum proteins has been minimised by solid phase adsorption.
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.
Molecular Weight	35,705 Da
Perservative Stabilisers	0.09% Sodium Azide
Immunogen	Purified mouse IgG Buffer Solution||Phosphate buffered saline
Antiserum Preparation	Antisera to Mouse IgG were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography. F(ab')2 fragments were prepared by pepsin digestion of the IgG followed by a gel filtration step to remove the remaining intact IgG or Fc fragments.
Target Species	Mouse
Applications Tested/Suitable for anti-IgG antibody	Flow cytometry (FC/FACS)
Application Notes for anti-IgG antibody	Flow Cytometry: Use 50ul of the suggested working dilution to label 106 cells in 100ul. **Flow Cytometry:** Minimum Dilution: 1/25; Maximum Dilution: 1/100
Related Product Information for anti-IgG antibody	MBS235160 is an antibody targeting IgG. Also known as RABBIT F(ab')2 ANTI MOUSE IgG:FITC. Host: Rabbit.
Other Notes	Small volumes of anti-IgG antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



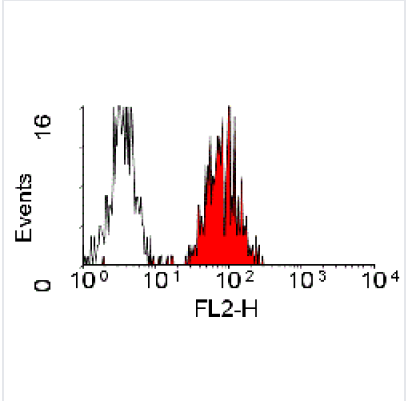
Testing Data #1 of anti-IgG antibody
Detection of Mouse anti Strap-tag-immo in a flow cytometric analysis of strep tagged Human anti Human CD127 (HCA144) in human peripheral blood lymphocytes using Rabbit F(ab')2 anti Mouse IgG:FITC (MBS235160)



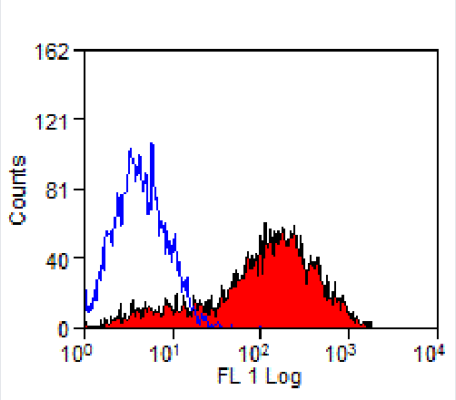
Testing Data #2 of anti-IgG antibody
Detection of Mouse anti Equine CD11a/CD18 (MBS214779) in a flow cytometric analysis of equine peripheral blood lymphocytes using Rabbit F(ab')2 anti Mouse IgG:FITC (MBS235160)



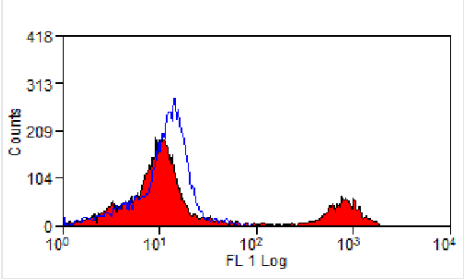
Testing Data #3 of anti-IgG antibody
Detection of Mouse anti Human CD98 (MBS212025) in a flow cytometric analysis of human peripheral blood monocytes using Rabbit F(ab')2 anti Mouse IgG:FITC (MBS235160)



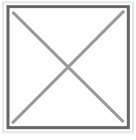
Testing Data #5 of anti-IgG antibody
Detection of Mouse anti Human CD69 (MBS224552) in a flow cytometric analysis of in vitro PHA stimulated peripheral nlood mononuclear cells using Rabbit F(ab')2 anti Mouse IgG:FITC (MBS235160)



Testing Data #7 of anti-IgG antibody
Detection of Mouse anti human CD49c (MBS224371) in a flow cytometric analysis of A431 epidermoid carcinoma cells using Rabbit F(ab')2 anti Mouse IgG:FITC (MBS235160)



Testing Data #8 of anti-IgG antibody
Detection of Mouse anti Human CD300a (MBS224497) in a flow cytometric analysis of human peripheral blood monocytes using Rabbit F(ab')2 anti Mouse IgG:FITC (MBS235160)



Testing Data #9 of anti-IgG antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IgG. It may not necessarily be applicable to this product.

NCBI GI #	121038
NCBI Accession #	P01869.2
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
Protein Family	IgG receptor
UniProt Gene Name	Ighg1
UniProt Synonym Gene Names	Igh-4
UniProt Entry Name	IGH1M_MOUSE
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