

Mouse Qa2 Monoclonal Antibody | anti-Qa2 antibody

Qa2 antibody (FITC)

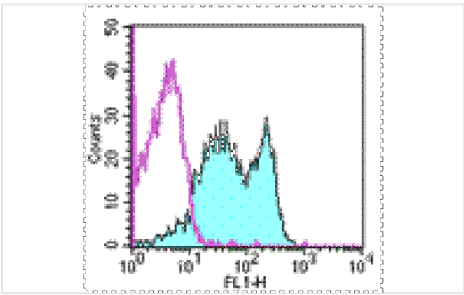
CATALOG # AAA17929	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

Qa2; Monoclonal Antibody; Qa2 antibody (FITC); Monoclonal Qa2; Anti-Qa2; Qa-2; Qa 2; anti-Qa2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a kappa
Clone Number	69H1-9-9
Specificity	Mouse
Form/Format	Liquid in PBS, pH 7.2, with 0.1% gelatin, and 0.09% Nan ₃ .
Concentration	0.5mg/ml (varies by lot)
Sequence Length	334
Applicable Applications for anti-Qa2 antibody	FCM/FACS (Flow Cytometry)
Application Notes	FC: <=0.5 ug/test A test is defined as the amount (ug) of antibody that will stain a cell sample in a final volume of 100 ul. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.
Biological Significance	The 69H1-9-9 monoclonal antibody reacts with the mouse Qa-2 molecule, a GPI-linked MHC class Ibeta surface molecule. Qa-2 is expressed by mature T and B cells, and its expression level is different depending on the laboratory mouse strain.
Tag/Conjugate	FITC
Preparation and Storage	Store at 4°in the dark. Do not freeze.



FCM (Flow Cytometry)
Staining of C57BL/6 splenocytes with 0.25 ug of Mouse IgG2a kappa Isotype Control (FITC) (open histogram) or 0.25 ug of Qa-2 antibody (FITC) (filled histogram). Total viable cells were used for analysis.

ADDITIONAL INFORMATION

Related Product Information for anti-Qa2 antibody	Mouse monoclonal Qa2 antibody (FITC)
Product Categories/Family for anti-Qa2 antibody	Immunology; Conjugated Monoclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	1617136
NCBI GeneID	15018
UniProt Accession #	P14429
NCBI Official Full Name	Qa2 antigen
NCBI Official Synonym Full Names	histocompatibility 2, Q region locus 7
NCBI Official Symbol	H2-Q7
NCBI Official Synonym Symbols	Q9; Ped; Qa7; Qa-2; Qa-7; H-2Q7
NCBI Protein Information	H-2 class I histocompatibility antigen, Q7 alpha chain
UniProt Protein Name	H-2 class I histocompatibility antigen, Q7 alpha chain
UniProt Gene Name	H2-Q7
UniProt Entry Name	HA17_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.