

Rabbit anti-Mouse CD229 Monoclonal Antibody | anti-LY9 antibody

Recombinant Anti-CD229 Antibody, Rabbit Monoclonal

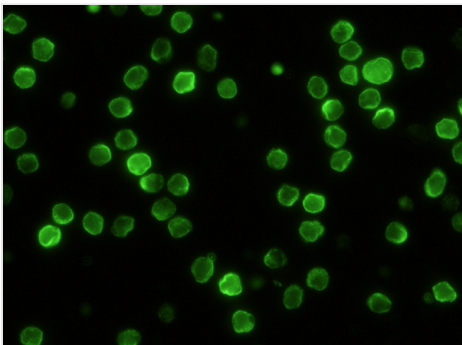
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA257169	Rabbit	Mouse	Immunofluorescence, Immunocytochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD229; Monoclonal Antibody; Recombinant Anti-CD229 Antibody; Rabbit Monoclonal; LY9/CD229/SLAMF3 Antibody; Rabbit MAb; lymphocyte antigen 9; Anti-AI893573 Antibody; Anti-CD229 Antibody; Anti-Lgp100 Antibody; Anti-Ly-9 Antibody; Anti-SLAMF3 Antibody; Anti-T100 Antibody; anti-LY9 antibody

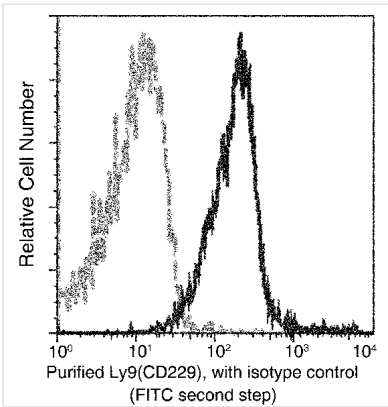
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	002
Specificity	Mouse LY9/CD229/SLAMF3
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-LY9 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant Mouse LY9/CD229/SLAMF3 protein
Conjugation	Unconjugated
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Mouse LY9/CD229/SLAMF3 (rM LY9/CD229/SLAMF3).
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



IF (Immunofluorescence)

Immunofluorescence staining of mouse Ly9 in mouse splenocytes. Cells were fixed with 4% PFA, blocked with 10% serum, and incubated with rabbit anti-mouse Ly9 monoclonal antibody (1:60) at 37 degree C 1 hour. Then cells were stained with the Alexa Fluor 488-conjugated Goat Anti-rabbit IgG secondary antibody (green).



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of Mouse Ly9(CD229) expression on BABL/c splenocytes. Cells were stained with purified anti-Mouse Ly9(CD229), then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.

ADDITIONAL INFORMATION

Product Categories/Family for anti-LY9 antibody	ITIM/ITAM Immunoreceptors and Related Molecules
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NCBI AND UNIPROT INFORMATION

NCBI GI #	111955338
NCBI GeneID	17085
NCBI Accession #	NP_032560.2
NCBI GenBank Nucleotide #	NM_008534.3
UniProt Accession #	Q01965; Q9ES29; Q9ES35; Q9ES36
Molecular Weight	73,143 Da
NCBI Official Full Name	T-lymphocyte surface antigen Ly-9 isoform 1
NCBI Official Synonym Full Names	lymphocyte antigen 9
NCBI Official Symbol	Ly9
NCBI Official Synonym Symbols	Ly-9; T100; CD229; Lgp100; SLAMF3; AI893573
NCBI Protein Information	T-lymphocyte surface antigen Ly-9
UniProt Protein Name	T-lymphocyte surface antigen Ly-9
UniProt Gene Name	Ly9
UniProt Synonym Gene Names	Ly-9; SLAMF3
UniProt Entry Name	LY9_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.