LY9 monoclonal antibody, clone HLy9.25 (PE)

Catalog # MAB9809 Size 100 Reactions

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant LY9.
Immunogen	Recombinant protein corresponding to full length human LY9.
Host	Mouse
Theoretical MW (kDa)	100-120
Reactivity	Human
Specificity	The mouse monoclonal antibody HLy9.25 (also known as HLy9.1.25) recognizes LY9 (CD229), a 100-120 kDa cell surface glycoprotein expressed on T and B cells.
Form	Liquid
Conjugation	PE
Purification	Size-exclusion chromatography purification
Isotype	IgG1
Recommend Usage	Flow Cytometry (20 uL reagent/100 uL of whole blood or 10^6 cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.02% BSA, 0.09% sodium azide)
Storage Instruction	Store in the dark at 4°C. Avoid prolonged exposure to light. Do not freeze.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Flow Cytometry

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Gene Info — LY9

Entrez GeneID	4063
Gene Name	LY9
Gene Alias	CD229, SLAMF3, hly9, mLY9
Gene Description	lymphocyte antigen 9
Omim ID	600684
Gene Ontology	Hyperlink
Gene Summary	LY9 belongs to the SLAM family of immunomodulatory receptors (see SLAMF1; MIM 603492) and interacts with the adaptor molecule SAP (SH2D1A; MIM 300490) (Graham et al., 2006 [PubMed 16365421]).[supplied by OMIM
Other Designations	OTTHUMP00000025675|T-lymphocyte surface antigen Ly-9|cell-surface molecule Ly-9

Disease

- Genetic Predisposition to Disease
- Lupus Erythematosus

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