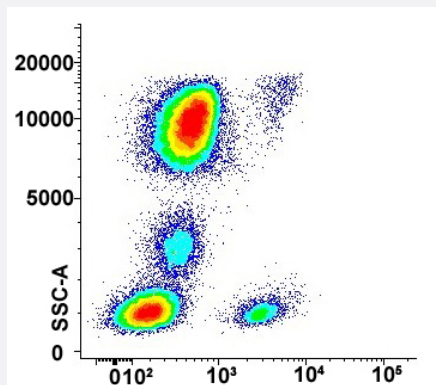


# CD79A monoclonal antibody, clone HM57 (FITC)

Catalog # MAB15368      Size 5 x 100 reactions

## Applications



### Flow Cytometry

Flow cytometric analysis of human peripheral blood cells with CD79A monoclonal antibody, clone HM57 (FITC) (Cat # MAB15368). Monocytes cells were used for analysis in the histogram.

## Specification

Product Description	Mouse monoclonal antibody raised against synthetic peptide of human CD79A.
Immunogen	A synthetic peptide corresponding to amino acids 202-216 of human CD79A.
Host	Mouse
Theoretical MW (kDa)	47
Reactivity	Human
Form	Liquid
Conjugation	FITC
Purification	Affinity purification
Isotype	IgG1
Recommend Usage	Flow Cytometry (20 $\mu$ L/ $10^6$ cells) The optimal working dilution should be determined by the end user.

<b>Storage Buffer</b>	In PBS, pH 7.4 (protein stabilizer, 0.09% sodium azide).
<b>Storage Instruction</b>	Store in the dark at 4°C.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Flow Cytometry

Flow cytometric analysis of human peripheral blood cells with CD79A monoclonal antibody, clone HM57 (FITC) (Cat # MAB15368). Monocytes cells were used for analysis in the histogram.

## Gene Info — CD79A

<b>Entrez GeneID</b>	<a href="#">973</a>
<b>Protein Accession#</b>	<a href="#">P11912</a>
<b>Gene Name</b>	CD79A
<b>Gene Alias</b>	IGA, MB-1
<b>Gene Description</b>	CD79a molecule, immunoglobulin-associated alpha
<b>Omim ID</b>	<a href="#">112205</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	The B lymphocyte antigen receptor is a multimeric complex that includes the antigen-specific component, surface immunoglobulin (Ig). Surface Ig non-covalently associates with two other proteins, Ig-alpha and Ig-beta, which are necessary for expression and function of the B-cell antigen receptor. This gene encodes the Ig-alpha protein of the B-cell antigen component. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq]
<b>Other Designations</b>	B-cell antigen receptor complex-associated protein alpha chain CD79A antigen CD79a antigen (immunoglobulin-associated alpha) MB-1 membrane glycoprotein surface IgM-associated protein

## Pathway

- [B cell receptor signaling pathway](#)
- [Primary immunodeficiency](#)

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Hodgkin Disease](#)
- [Lymphoproliferative Disorders](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)