

CD79a Rabbit mAb

Catalog No: #52209

Package Size: #52209-1 50ul #52209-2 100ul

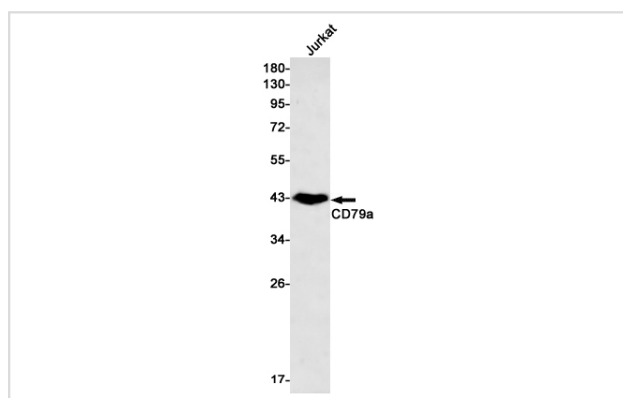
Description

Product Name	CD79a Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	S02-7E3
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB IHC
Species Reactivity	Human
Immunogen Description	A synthetic peptide of human CD79a
Conjugates	Unconjugated
Modification	Unmodification
Other Names	IGA; MB-1
Accession No.	Swiss-Prot:P11912GenelD:973
Calculated MW	Calculated MW: 25 kDa; Observed MW: 45-55 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

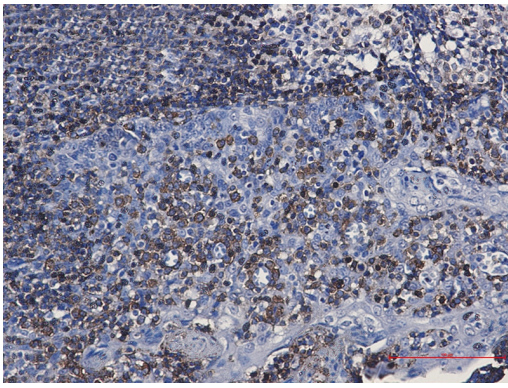
Application Details

WB: 1/1000-1/2000; IHC: 1/20-1/50;

Images



Western blot detection of CD79a in Jurkat cell lysates using CD79a Rabbit mAb(1:500 diluted). Predicted band size: 25 kDa. Observed band size: 45-55 kDa.



Immunohistochemistry of CD79a in paraffin-embedded Human tonsil using CD79a Rabbit mAb at dilution 1/50

Background

Swiss-Prot Acc.P11912. Required in cooperation with CD79B for initiation of the signal transduction cascade activated by binding of antigen to the B-cell antigen receptor complex (BCR) which leads to internalization of the complex, trafficking to late endosomes and antigen presentation. Also required for BCR surface expression and for efficient differentiation of pro- and pre-B-cells. Stimulates SYK autophosphorylation and activation. Binds to BLNK, bringing BLNK into proximity with SYK and allowing SYK to phosphorylate BLNK. Also interacts with and increases activity of some Src-family tyrosine kinases. Represses BCR signaling during development of immature B-cells.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.