Recombinant CD79a Monoclonal Antibody

catalog number: **AN301486L**

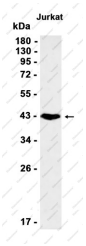
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	A synthetic peptide of human CD79a
Host	Rabbit
Isotype	Rabbit IgG
Clone	C311109
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:2000-1:20000
IHC-P	1:100-1:200
ICC	1:200-1:500

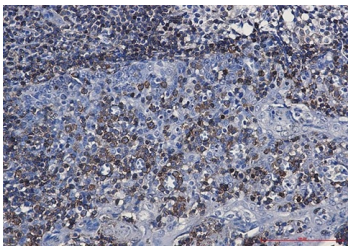
Data



Western blot analysis of Jurkat cell lysates using CD79a Antibody (AN301486L) at a dilution of 1:500.

Observed-MW:45-55 kDa

Calculated-MW:25 kDa



Immunohistochemical analysis of paraffin-embedded Human tonsil sections using CD79a Antibody (AN301486L).



Immunofluorescent analysis of HL-60 cells using CD79a Antibody(AN301486L)(green), and DAPI (blue).

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles.
Shipping	Ice bag

Background

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
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Web: www.elabscience.com
Email: techsupport@elabscience.com

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 pr o- 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.

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