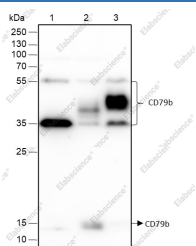


Recombinant CD79b Monoclonal Antibody

catalog number: **AN301487L**

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

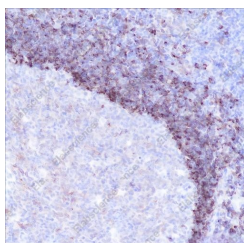
Description	
Reactivity	Human
Immunogen	Recombinant human CD79b fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C311110
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.
Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:200-1:1000
IF	1:50
FCM	1:50
Data	



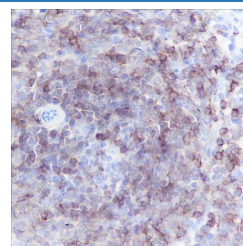
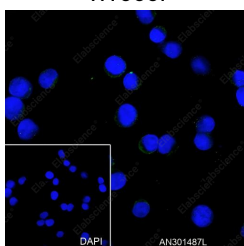
Western Blot with CD79b Monoclonal Antibody at dilution of 1:1000. Lane 1: Raji, Lane 2: Ramos, Lane 3: Daudi

Observed-MW:14, 30-50 kDa

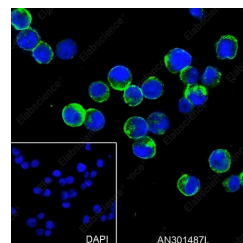
Calculated-MW:26 kDa



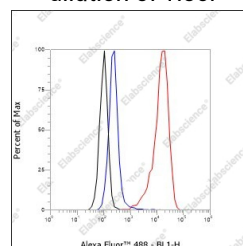
Immunohistochemistry of paraffin-embedded Human tonsil using CD79b Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human spleen using CD79b Monoclonal Antibody at dilution of 1:1000.



Immunofluorescent analysis of (100% Ice-cold methanol) fixed Daudi cells using anti-CD79b Monoclonal Antibody at dilution of 1:50.



For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.2

Immunofluorescent analysis of (100% Ice-cold methanol) fixed Jurkat(Negative cell line) cells using anti-CD79b Monoclonal Antibody at dilution of 1:50.

Flow cytometric analysis of human CD79b expression on Ramos cells. Cells were stained with purified anti-Human CD79b, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.

Preparation & Storage

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

Background

Required in cooperation with CD79A for initiation of the signal transduction cascade activated by the B-cell antigen receptor complex (BCR) which leads to internalization of the complex, trafficking to late endosomes and antigen presentation. Enhances phosphorylation of CD79A, possibly by recruiting kinases which phosphorylate CD79A or by recruiting proteins which bind to CD79A and protect it from dephosphorylation.