

Product datasheet for **TA803156**

CD79A Mouse Monoclonal Antibody [Clone ID: OTI3D3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3D3
Applications:	FC, IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human CD79A (NP_001774) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	CD79a molecule
Database Link:	NP_001774 Entrez Gene 973 Human P11912
Background:	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, Jul 2008]
Synonyms:	IGA; MB-1

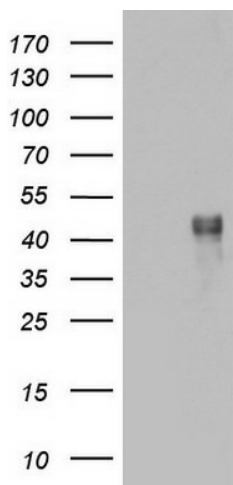


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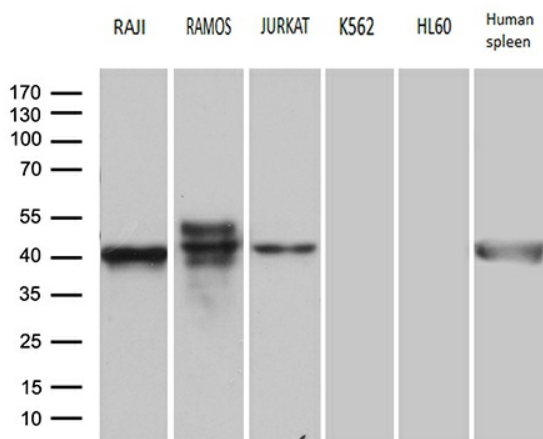
Protein Families: Druggable Genome, Transmembrane

Protein Pathways: B cell receptor signaling pathway, Primary immunodeficiency

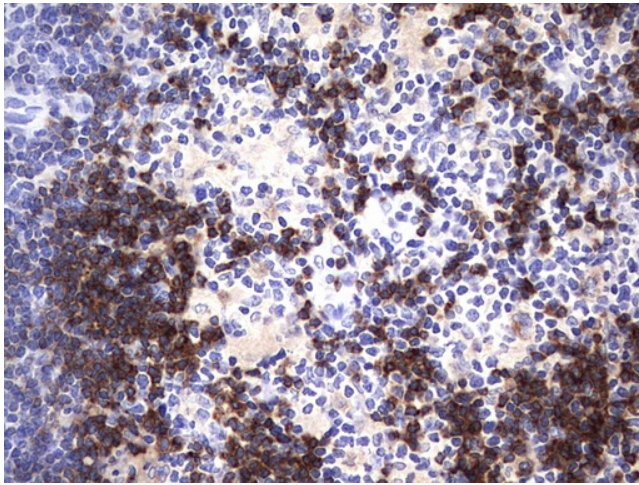
Product images:



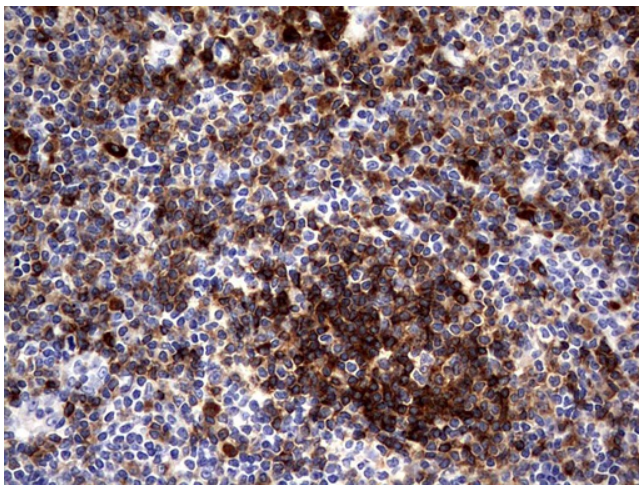
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY CD79A (Cat# [RC220359], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CD79A(Cat# TA803156). Positive lysates [LY400674] (100ug) and [LC400674] (20ug) can be purchased separately from OriGene.



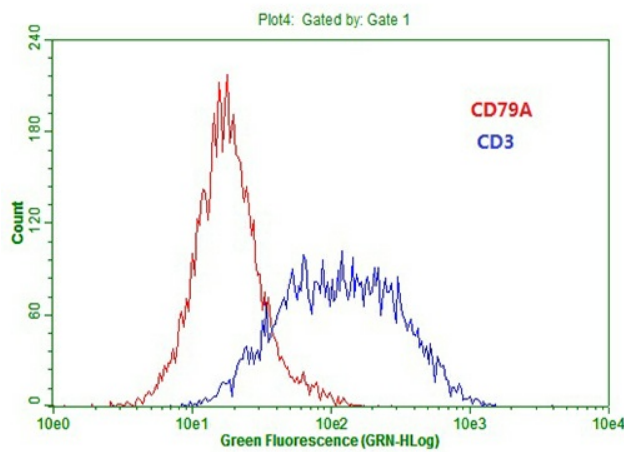
Western blot analysis of extracts (35ug) from 5 different cell lines and human spleen tissue lysate by using anti-CD79A monoclonal antibody (1:500).



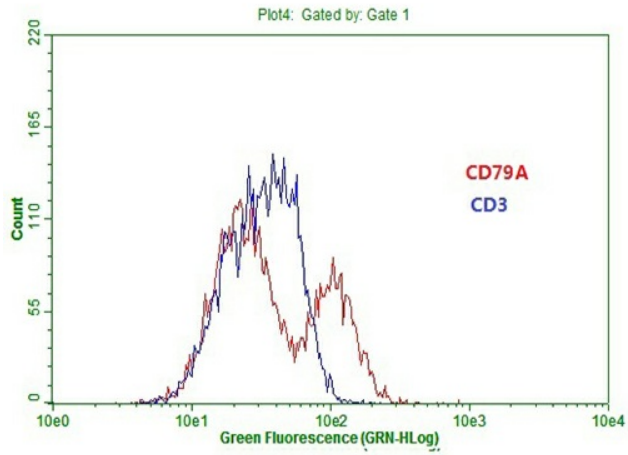
Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-CD79A mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-CD79A mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Flow cytometric Analysis of Jurkat cells, using anti-CD79A antibody (TA803156), (Red), compared to anti-CD3 antibody ([TA807198]), (Blue) (1:100).



Flow cytometric Analysis of Ramos cells, using anti-CD79A antibody (TA803156), (Red), compared to anti-CD3 antibody ([TA807198]), (Blue) (1:100).