

Product datasheet for **CF800688**

CD79A Mouse Monoclonal Antibody [Clone ID: OTI5E2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI5E2
Applications:	IHC
Recommended Dilution:	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:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
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.
Predicted Protein Size:	21.8 kDa
Gene Name:	CD79a molecule
Database Link:	NP_001774 Entrez Gene 973 Human P11912



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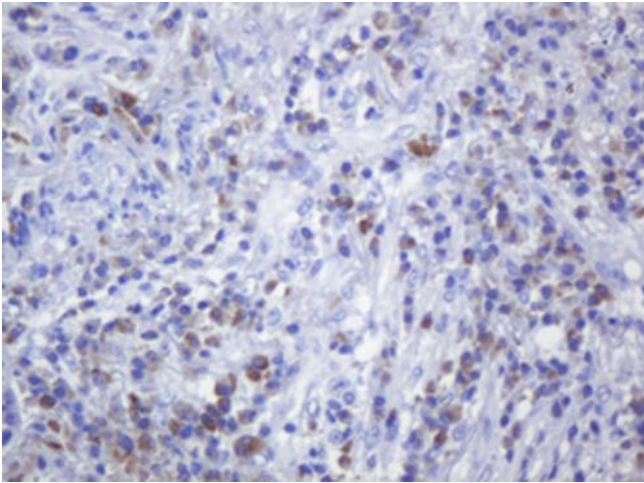
Background: The B lymphocyte antigen receptor is a multimeric complex that includes the antigen-specific component, surface immunoglobulin (Ig). Surface Ig non-covalently associates with two other proteins, Ig-alpha and Ig-beta, which are necessary for expression and function of the B-cell antigen receptor. 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

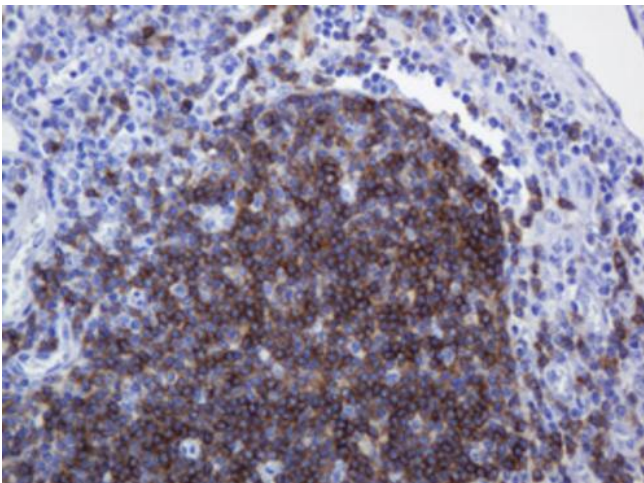
Protein Families: Druggable Genome, Transmembrane

Protein Pathways: B cell receptor signaling pathway, Primary immunodeficiency

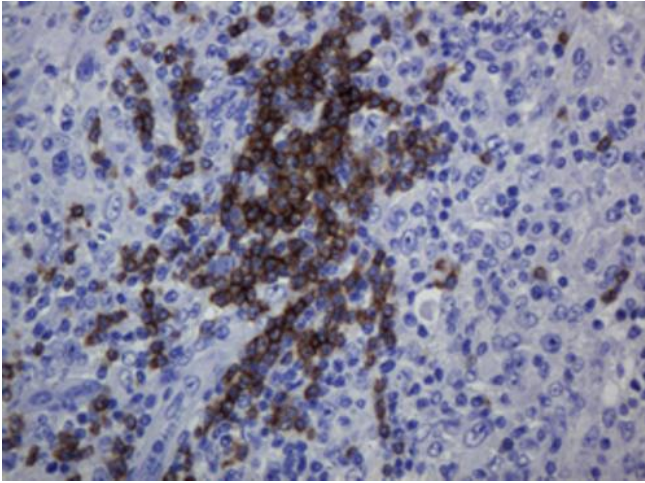
Product images:



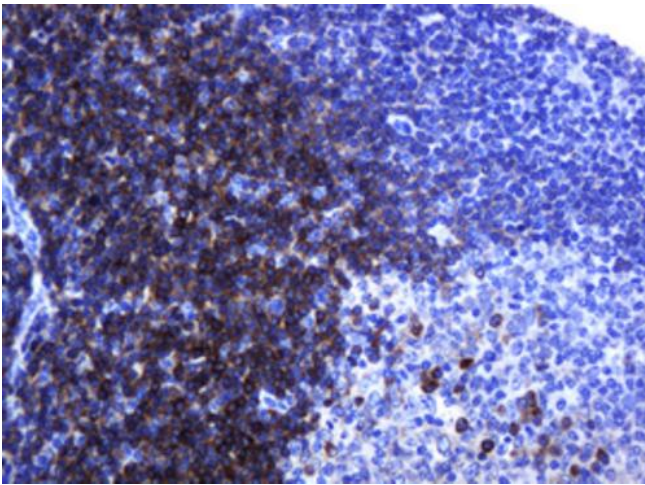
Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-CD79A mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA800688])



Immunohistochemical staining of paraffin-embedded Human lymph node tissue within the normal limits using anti-CD79A mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA800688])



Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-CD79A mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA800688])



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-CD79A mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA800688])