

Product datasheet for **CF810463**

CD79B Mouse Monoclonal Antibody [Clone ID: OTI2B6]

Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI2B6 |
| Applications: | IHC, WB |
| Recommended Dilution: | WB 1:500~2000, IHC 1:2000 |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG2a |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human CD79B (NP_001035022) 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: | 23.1 kDa |
| Gene Name: | CD79b molecule |
| Database Link: | NP_001035022 Entrez Gene 974 Human P40259 |



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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-beta protein of the B-cell antigen component. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

Synonyms:

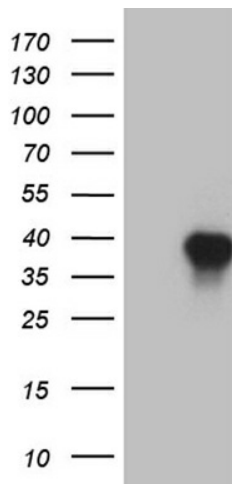
AGM6; B29; IGB

Protein Families:

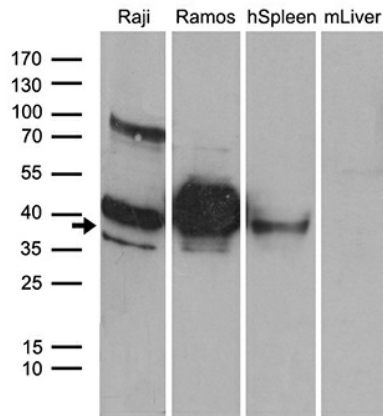
Druggable Genome, Transmembrane

Protein Pathways:

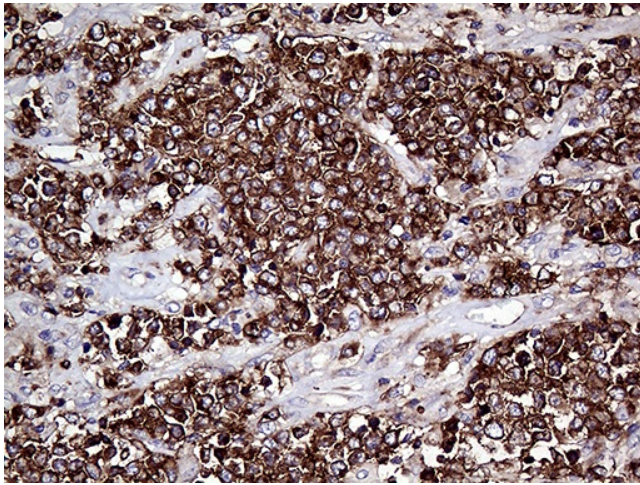
B cell receptor signaling pathway

Product images:


HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CD79B ([RC200665], 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-CD79B (1:2000). Positive lysates [LY421857] (100ug) and [LC421857] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 2 different cell lines and 2 different tissue lines by using anti-CD79B monoclonal antibody (1:500).



Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-CD79B mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA810463]) (1:2000)