

Anti-CD79B Antibody (5M778)

Product Details

Ig Type:	hIgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	5M778
Purification:	Affinity-chromatography

Applications

Verified Activity:	<p>1. The Binding Activity of Human CD79B with Anti-CD79B recombinant antibody Activity: Measured by its binding ability in a functional ELISA. Immobilized Human CD79A at 2 µg/mL can bind Anti-CD79B recombinant antibody. The EC50 is 3.214-3.642 ng/mL.</p> <p>2. The Binding Activity of Human CD79A&CD79B with Anti-CD79B recombinant antibody Activity: Measured by its binding ability in a functional ELISA. Immobilized Human CD79A&CD79B at 2 µg/mL can bind Anti-CD79B recombinant antibody. The EC50 is 14.85-17.47 ng/mL.</p> <p>3. The Binding Activity of Human CD79B with Anti-CD79B recombinant antibody Activity: Measured by its binding ability in a functional ELISA. Immobilized Human CD79B at 2 µg/mL can bind Anti-CD79B recombinant antibody. The EC50 is 31.97-35.69 ng/mL.</p> <p>4. Untransfected HEK-293T cells (green line) and transfected Human CD79B HEK-293T stable cells (red line) were stained with anti-CD79B antibody(TMAH-00222) (2µg/1*10⁶ cells), washed and then followed by APC-conjugated anti-Human IgG Fc antibody and analyzed with flow cytometry.</p> <p>5. Untransfected HEK-293T cells (green line) and transfected Human CD79A&CD79B HEK-293T stable cells (red line) were stained with anti-CD79B antibody(TMAH-00222) (2µg/1*10⁶ cells), washed and then followed by APC-conjugated anti-Human IgG Fc antibody and analyzed with flow cytometry.</p>
Application:	ELISA
Recommended	ELISA:1:5000-1:50000.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein: Human CD79B Protein
Antigen Species: Human
Gene ID: 974
Uniprot ID: P40259
Synonyms: Ig-beta;IGBAGM6;Ig- β ;B29;CD79B;IGB;CD79b molecule
Biology Area: Immunology

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481