
CD79a Antibody

Subcategory: Rabbit Polyclonal Antibody, HRP-conjugated Antibody

Cat. No.: 252258

Unit: 0.1 mg

Description:

The CD79a antigen (Immunoglobulin binding protein-1, IGBP-1) is an alpha/beta heterodimer cell membrane protein required in cooperation with CD79b for the initiation of the signal transduction cascade activated by binding of antigen to the B-cell antigen receptor complex (BCR). This cascade leads to BCR complex internalization, trafficking to late endosomes and antigen presentation. CD79a is also required for BCR surface expression and efficient differentiation of pro- and pre-B-cells. CD79a interacts with numerous kinases such as SYK, BLNK, Src-family tyrosine kinases. Defects in CD79a are a cause of non-Bruton type agammaglobulinemia, an immunodeficiency disease of the B-cell maturation pathway.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 1% BSA and 0.02% gentamicin. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: CD79A; IGBP-1; Immunoglobulin binding protein-1; B-cell antigen receptor complex-associated protein alpha chain; Ig-alpha; MB-1 membrane glycoprotein; Surface IgM-associated protein; Membrane-bound immunoglobulin-associated protein

Accession No.: P11912

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CD79a.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.