

Immunotag™ Phospho-CD79A (Tyr182) Antibody

Antibody Specification	
Catalog No.	ITA0657
Product Description	Immunotag™ Phospho-CD79A (Tyr182) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Phospho-CD79A (Tyr182)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC
Recommended Dilution	WB 1:500-1:2000, IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human CD79A around the phosphorylation site of Tyr182.
Specificity	Phospho-CD79A (Tyr182) Antibody detects endogenous levels of CD79A.
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	CD79A
Accession No.	P11912

Antibody Specification

Alternate Names	B lymphocyte-specific MB1 protein; B-cell antigen receptor complex-associated protein alpha chain; CD 79a; CD79a; CD79a antigen (immunoglobulin-associated alpha); CD79A antigen; CD79a molecule, immunoglobulin-associated alpha; CD79A_HUMAN; Ig alpha; Ig-alpha; IGA; IgM-alpha; Immunoglobulin-associated alpha; Ly54; MB-1 membrane glycoprotein; MB1; Membrane-bound immunoglobulin-associated protein; Surface IgM-associated protein;
Description	Required in cooperation with CD79B for initiation of the signal transduction cascade activated by binding of antigen to the B-cell antigen receptor complex (BCR) which leads to internalization of the complex, trafficking to late endosomes and antigen presentation. Also required for BCR surface expression and for efficient differentiation of pro- and pre-B-cells. Stimulates SYK autophosphorylation and activation. Binds to BLNK, bringing BLNK into proximity with SYK and allowing SYK to phosphorylate BLNK. Also interacts with and increases activity of some Src-family tyrosine kinases. Represses BCR signaling during development of immature B-cells.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	45-55kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.