

Immunotag™ SH2D1A Antibody

Antibody Specification	
Catalog No.	ITA6360
Product Description	Immunotag™ SH2D1A 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	SH2D1A
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human SH2D1A
Specificity	SH2D1A Antibody detects endogenous levels of total SH2D1A
Purification	The antiserum was purified by peptide affinity chromatography.
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	SH2D1A
Accession No.	O60880

Antibody Specification

Alternate Names	DSHP; Duncan disease SH2 protein; Duncan disease SH2-protein; EBVS; IMD5; LYP; MTCP1; SAP; SAP/SH2D1A; SH2 domain containing 1A; SH2 domain protein 1A; SH2 domain-containing protein 1A; SH21A_HUMAN; SH2D1A; Signaling lymphocyte activation molecule associated protein; Signaling lymphocytic activation molecule-associated protein; SLAM associated protein; SLAM associated protein/SH2 domain protein 1A; SLAM-associated protein; T cell signal transduction molecule SAP; T-cell signal transduction molecule SAP; XLP; XLPD;
Description	Cytoplasmic adapter regulating receptors of the signaling lymphocytic activation molecule (SLAM) family such as SLAMF1, CD244, LY9, CD84, SLAMF6 and SLAMF7. In SLAM signaling seems to cooperate with SH2D1B/EAT-2. Initially it has been proposed that association with SLAMF1 prevents SLAMF1 binding to inhibitory effectors including INPP5D/SHIP1 and PTPN11/SHP-2 (PubMed:11806999). However, by simultaneous interactions, recruits FYN which subsequently phosphorylates and activates SLAMF1 (PubMed:12458214). Positively regulates CD244/2B4- and CD84-mediated natural killer (NK) cell functions. Can also promote CD48-, SLAMF6 -, LY9-, and SLAMF7-mediated NK cell activation. In the context of NK cell-mediated cytotoxicity enhances conjugate formation with target cells (By similarity). May also regulate the activity of the neurotrophin receptors NTRK1, NTRK2 and NTRK3.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	14kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.