

Mouse anti-Human ST2 Monoclonal Antibody | anti-ST2 antibody

Mouse Anti-Human ST2 Monoclonal Antibody, Azide Free Clone B-L42

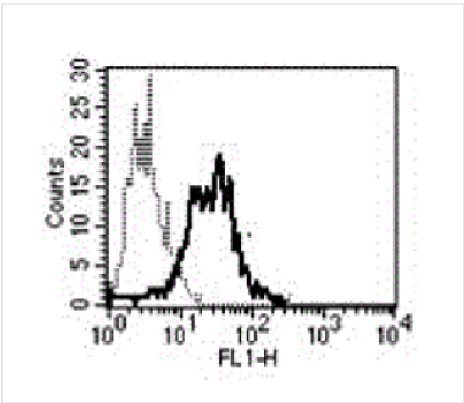
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA58635	Mouse	Human	Western Blot, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

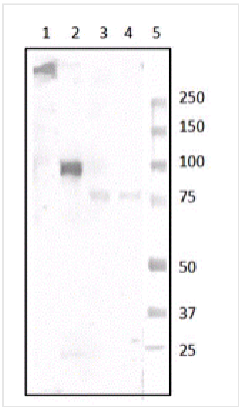
ST2; Monoclonal Antibody; Mouse Anti-Human ST2 Monoclonal Antibody; Azide Free Clone B-L42; Anti ST2; anti-ST2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	B-L42
Specificity	Recongnises both natural membrane form and recombinant human ST2
Purity/Purification	Affinity chromatography
Form/Format	Clear colorless solution; Phosphate-buffered saline. Steril-filtered through 0.22 um. Carrier and preservative free . Azide free
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	101
Applicable Applications for anti-ST2 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry)
Immunogen	Recombinant Human ST2
Hybridoma	Myeloma X63/AG.8653 x Balb/c node cells
Immunisation	Recombinant human ST2
Preparation and Storage	Store at +2-8°C. For longer storage, freeze aliquots.



Application Data
A typical staining pattern with the B-L42 monoclonal antibody of LPS activated monocytes



WB (Western Blot)
Western Blot with B-L42:1: rh ST2 (non-reduced form)2: rh ST2 (reduced form)3: cell lysate of HT29 (non-reduced form)4: cell lysate of HT29 (reduced form)5: molecular weight marker
Predicted band size: 62kDa
Observed band size (lanes 3 and 4): 75-80kDa
ST2 is described with 8 glycosylation sites which could increase the size of protein (Identification of human ST2 protein in the sera of patients with autoimmune diseases, Tominaga and col.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2217949
NCBI Official Full Name	ST2, partial
UniProt Protein Name	Interleukin-1 receptor-like 1
UniProt Gene Name	IL1RL1
UniProt Synonym Gene Names	DER4; ST2; T1
UniProt Entry Name	ILRL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.