

Rabbit anti-Human, Mouse ST2 Polyclonal Antibody | anti-IL1rl1 antibody

ST2 Antibody

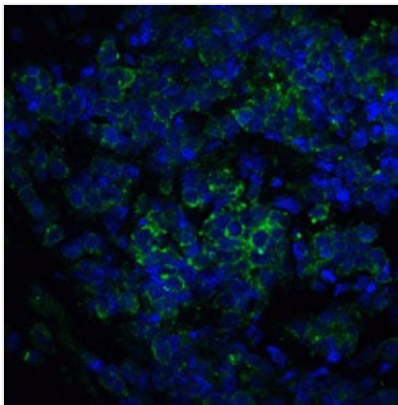
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA10923	Rabbit	Human, Mouse	ELISA, Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

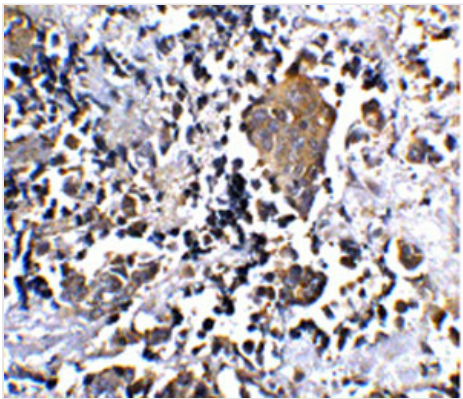
ST2; Polyclonal Antibody; ST2 Antibody; T1; St2; DER4; Ly84; ST2L; Fit-1; T1/ST2; St2-rs1; Ste2; Interleukin-1 receptor-like 1; Lymphocyte antigen 84; interleukin 1 receptor-like 1; anti-IL1rl1 antibody

PRODUCT SPECIFICATIONS

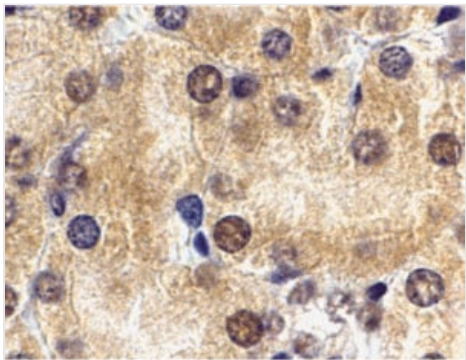
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	ST2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid; T2 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Sequence Length	567
Applicable Applications for anti-IL1rl1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	Optimal dilutions/concentrations should be determined by the end user. The information provided is a guideline for product use.
Conjugate	Unconjugated
Immunogen	ST2 antibody was raised against a synthetic peptide corresponding to 16 amino acids at the amino-terminus of mouse ST2. This peptide is common to all three known ST2 isoforms. The immunogen is located within amino acids 40-90 of ST2.
Homology	Predicted species reactivity based in immunogen sequence: Rat (88%)
Preparation and Storage	ST2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



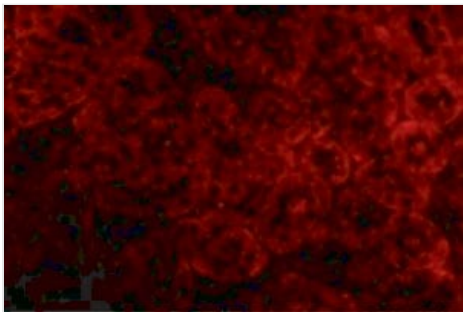
IF (Immunofluorescence)
Immunofluorescence of ST2 in human lung cancer tissue with ST2 antibody at 5 μg/ml. Green: ST2 Antibody (3363) Blue: DAPI staining



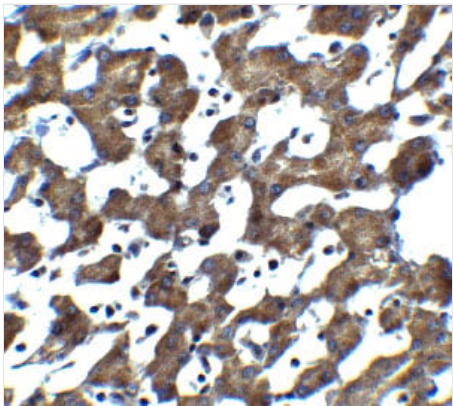
IHC (Immunohistochemistry)
Immunohistochemistry of ST2 in human lung cancer tissue with ST2 antibody at 5 μg/ml.



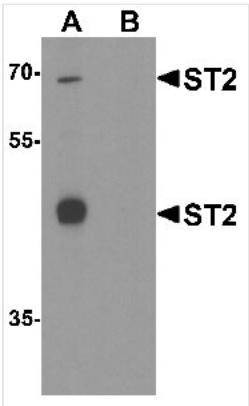
IHC (Immunohistochemistry)
Immunohistochemistry of ST2 in mouse kidney tissue with ST2 antibody at 2 μg/mL.



IF (Immunofluorescence)
Immunofluorescence of ST2 in Mouse Kidney cells with ST2 antibody at 20 μg/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of ST2 in human liver tissue with ST2 antibody at 5 μg/mL.



WB (Western Blot)
Western blot analysis of ST2 in 293 cell lysate with ST2 antibody at 1 μg/ml in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-IL1rl1 antibody	ST2 Antibody: ST2 is a member of a superfamily containing the interleukin-1 receptor and the Toll-like receptors (TLRs). The TLRs are signaling molecules that recognize different microbial products during infection and serve as an important link between the innate and adaptive immune responses. ST2 was originally identified as a protein whose production was stimulated by various proliferation-inducing agents such as PDGF and FGF. More recently, it has been shown to negatively regulate IL-1 receptor and Toll-like receptor (TLR) 4 signaling and to maintain endotoxin tolerance. It has been suggested that the inhibition of TLR4 signaling occurs through the association and sequestering of TLR adaptor molecules such as MyD88 and TIRAP.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	286101
NCBI GeneID	17082
UniProt Accession #	P14719; Q05208
NCBI Official Full Name	ST2L protein
NCBI Official Synonym Full Names	interleukin 1 receptor-like 1
NCBI Official Symbol	Il1rl1
NCBI Official Synonym Symbols	T1; St2; DER4; Ly84; ST2L; Fit-1; T1/ST2; St2-rs1
NCBI Protein Information	interleukin-1 receptor-like 1; lymphocyte antigen 84
UniProt Protein Name	Interleukin-1 receptor-like 1
UniProt Gene Name	Il1rl1
UniProt Synonym Gene Names	Ly84; St2; Ste2
UniProt Entry Name	ILRL1_MOUSE

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/st2-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/10923>