



# AVISCERA BIOSCIENCE

## Anti Soluble IL-1 Receptor 4/ST2 (sIL-1R4 /ST2 /IL1RL1) (Human) Monoclonal Antibody

### Product Information

Code	A00120-16-100
Name	Anti Soluble ST2 (Human) Monoclonal Antibody
Clone No.	4C8A1E9
Lot No.	
Size	100 µg
Species	Human
Host	Mouse
Immunogen	Soluble ST2 (Human) Isoform B Rec (HEK293)
Ab Type	Monoclonal
Purification	Protein G
Formulation	Lyophilized Form without preservatives
Carry	Free
Storage	-20 ° C
Specificity	Human
Reconstitution	100 µl
Application	ELISA (Detection), WB

### Preparation

This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Soluble ST2 (Human) (Protein ID:NP\_003847.2, Gene ID: NM\_003856.3 [Q01638-2]) derived from human cells. That antibody was purified by Protein G affinity.

### Formulation

100 µg of Anti Soluble ST2 (Human) Monoclonal Antibody in 100 µl of PBS lyophilized form.

### Reconstitution and Storage

Add 100 µl deionized water to the vial to prepare antibody stocking solution (1000µg/ml). Stores it at 4°C for a few days. For long term storage, the reconstituted antibody can also be aliquotted ( by 10 µL per vial) and stored frozen at -20° C to -70° C **in a manual defrost freezer** for 12 months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

### Specificity

This antibody has been selected for its ability to recognize recombinant human soluble ST2 Isoform B (human cells derived) on indirect ELISA and western blot.

### Applications

**Indirect ELISA** - This antibody can be used at 0.1 ~0.2 µg/ml to detect recombinant human soluble ST2 Isoform B (human cells derived) on indirectly ELISA.

**Western Blot**-This antibody can be used as primary antibody at 1-4 µg/ml to detect recombinant human soluble ST2 Isoform B (human cells derived) or HEK293 cell cultures of over expression of human soluble ST2 Isoform B under reduced condition.

**ELISA** - This antibody biotinylated can be used as detection antibody combines with capture antibody A00120-10-500 to detect recombinant human soluble ST2 Isoform B (human cells derived) on ELISA.

*Optimal dilutions should be determined by each laboratory for each application.*

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