

## Product datasheet for **CF810078**

### ST2 (IL1RL1) Mouse Monoclonal Antibody [Clone ID: OTI6E12]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI6E12
Applications:	ELISA
Recommended Dilution:	ELISA 1:5000-10000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human ST2 (NP_057316) produced in HEK293E
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Predicted Protein Size:	63.36 kDa
Gene Name:	interleukin 1 receptor like 1
Database Link:	<a href="#">NP_057316</a> <a href="#">Entrez Gene 9173 Human</a> <a href="#">Q01638</a>
Background:	The protein encoded by this gene is a member of the interleukin 1 receptor family. Studies of the similar gene in mouse suggested that this receptor can be induced by proinflammatory stimuli, and may be involved in the function of helper T cells. This gene, interleukin 1 receptor, type I (IL1R1), interleukin 1 receptor, type II (IL1R2) and interleukin 1 receptor-like 2 (IL1RL2) form a cytokine receptor gene cluster in a region mapped to chromosome 2q12. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jul 2008]



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**Synonyms:** DER4; FIT-1; IL33R; ST2; ST2L; ST2V; T1

**Protein Families:** Druggable Genome, Secreted Protein, Transmembrane