

## Anti-ST2L Antibody [Clone 9G15]

<b>Catalog Number</b>	LDG0046YA
<b>Package</b>	100 µg / Customized package

For full product information, images and publications, please visit [our website](#).



### Overview

#### Description

The growth stimulation expressed gene 2 (ST2 ; also known as Interleukin 1 receptor-like 1, IL1RL1), a member of the IL-1 receptor family, has at least three isoforms. ST2L, a main isoform of ST2 proteins, is a transmembrane receptor that is expressed on various inflammatory cells, including T helper 2 (Th2) cells, mast cells, basophils and eosinophils. ST2L is a receptor of Interleukin-33 (IL-33), this ligand-receptor pair plays important role in the regulation of Th2 cell responses and is involved in various inflammatory pathologies.

#### Product Note

Recommended dilution factor:

ELISA: 1:5000-20000

WB: 1:1000-10000

IFA: 1:400-1000

FACS: Assay dependent

Note: Working dilution for specific application should be determined by the investigator to obtain the best conditions.

### Specifications

<b>Host</b>	<b>Clonality</b>
Mouse	Monoclonal
<b>Isotype</b>	<b>Clone Name</b>
IgG1	clone 9G15
<b>Immunogen</b>	<b>Reactivity</b>
ST2L	Human

**Application**

ELISA, WB, IFA, FACS

**Concentration**

1 mg/mL

**Specificity**

ST2L

**Conjugation**

Unconjugated

**Buffer**

Phosphate Buffered Saline containing 0.03% ProClin 300, pH 7.4.

**Form**

Liquid

**Instruction****Shipping**

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.



**Stability & Storage**

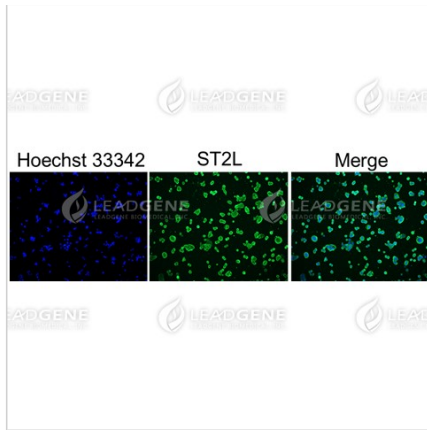
This product is stable after storage at:

- 2-8°C for 2 weeks under sterile conditions from date of receipt.
- -20°C or -80°C for 12 months under sterile conditions from date of receipt.

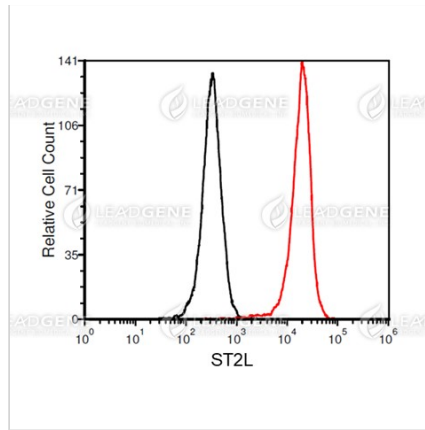
Avoid repeated freeze/thaw cycles.

Suggestion: Divide antibody into several vials. Keep only vials for usage at 2-8°C.

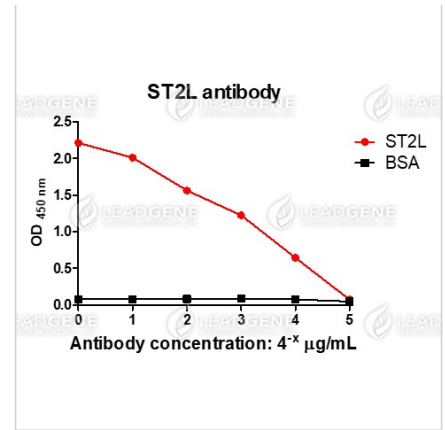
**Image****Tainan Headquarter** +886-6-2536677 [bd@leadgene.com.tw](mailto:bd@leadgene.com.tw)**Innovation & Research Center** +886-2-27065528**CLD Center** +886-6-2536677



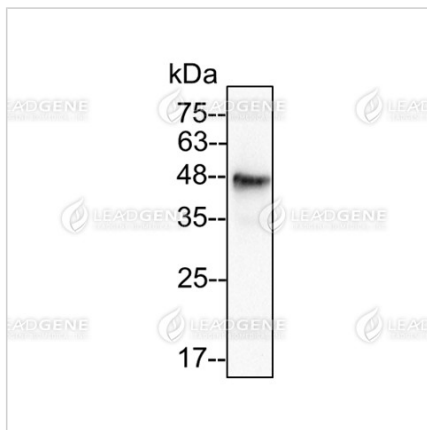
Immunofluorescence analysis of Anti-ST2L Antibody [Clone 9G15]  
 HT29 cells were fixed in 4% PFA, permeabilized with PBS containing 0.1% Triton X-100. Cells were stained with mouse anti-ST2L monoclonal antibody (1:400) followed by secondary antibodies (goat anti-Mouse IgG-iFluor 488, 1:400, green) and cell nuclei were stained with Hoechst 33342 (Blue).



FACS analysis of Anti-ST2L Antibody [Clone 9G15]  
 HT29 cells were stained with mouse anti-ST2L monoclonal antibody at 1 µg/ml (red) and without antibody control (black).



ELISA titration of Anti-ST2L Antibody [Clone 9G15]  
 Titration curve of anti-ST2L antibody in ELISA. Red: ST2L; Black: BSA (negative control).



Western blotting analysis of Anti-ST2L Antibody [Clone 9G15]  
 HT29 lysate (50 µg) was stained with mouse anti-IL-ST2L monoclonal antibody at 1:2000 dilution.

**Disclaimer** : For Research Use or Further Manufacturing Only.