

### Anti-ST2 antibody - BSA free ab25877

★★★★★ [2 Abreviews](#) [25 References](#) [6 图像](#)

#### 概述

产品名称	Anti-ST2抗体- BSA free
描述	兔多克隆抗体to ST2 - BSA free
宿主	Rabbit
特异性	ab25877 reacts all three known ST2 isoforms.
经测试应用	<b>适用于:</b> IHC-P, ICC/IF, WB
种属反应性	<b>与反应:</b> Mouse, Rat, Human
免疫原	Synthetic peptide corresponding to Mouse ST2 aa 40-90 (N terminal). (Peptide available as <a href="#">ab39855</a> )
阳性对照	IHC-P: Human lung cancer, Human liver and Mouse kidney tissues. WB: Hela, HepG2, 3T3/NIH, YB2/0 whole cell lysates. ICC/IF: Mouse kidney cells.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C. Avoid freeze / thaw cycle. Stable for 12 months at -20°C.
存储溶液	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
纯度	Immunogen affinity purified
纯化说明	ST2 Antibody is affinity chromatography purified via peptide column.
克隆	多克隆
同种型	IgG

## 应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab25877于以下的经测试应用

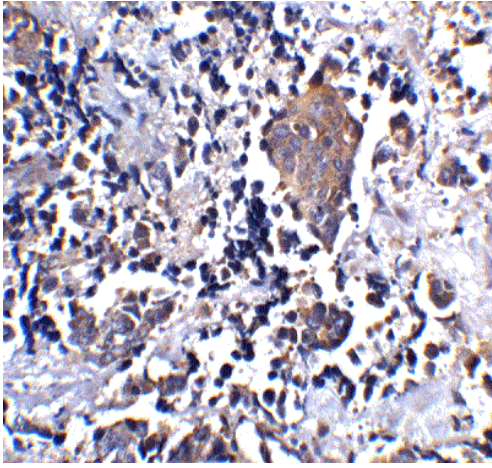
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P	★★★★★ (2)	Use a concentration of 2 µg/ml.
ICC/IF		Use a concentration of 20 µg/ml.
WB		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 40 kDa. ab25877 at 2ug/ml. 1 hour incubation at room temperature in 5% NFDm/TBST.  Secondary: Goat Anti-Rabbit IgG HRP conjugate at 1:10000 dilution.

## 靶标

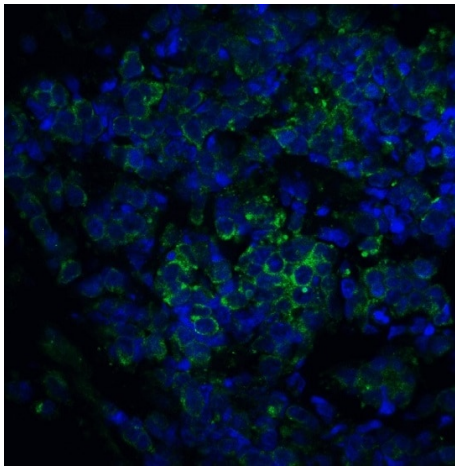
功能	Receptor for interleukin-33 (IL-33), its stimulation recruits MYD88, IRAK1, IRAK4, and TRAF6, followed by phosphorylation of MAPK3/ERK1 and/or MAPK1/ERK2, MAPK14, and MAPK8. Possibly involved in helper T-cell function.
组织特异性	Highly expressed in kidney, lung, placenta, stomach, skeletal muscle, colon and small intestine. Isoform A is prevalently expressed in the lung, testis, placenta, stomach and colon. Isoform B is more abundant in the brain, kidney and the liver. Isoform C is not detected in brain, heart, liver, kidney and skeletal muscle.
序列相似性	Belongs to the interleukin-1 receptor family. Contains 3 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 TIR domain.
细胞定位	Secreted and Cell membrane.

## 图片



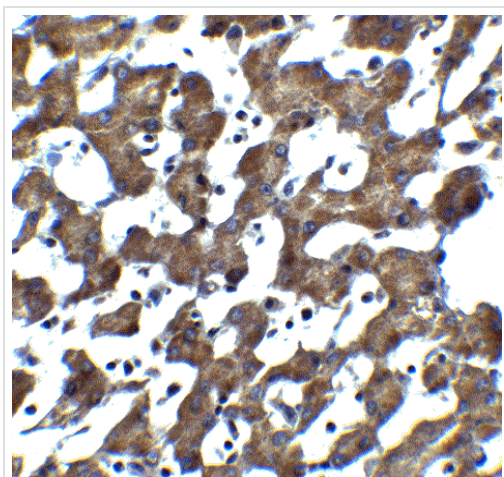
Human lung cancer tissue stained for ST2 using ab25877 at 5 µg/ml in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ST2 antibody - BSA free (ab25877)



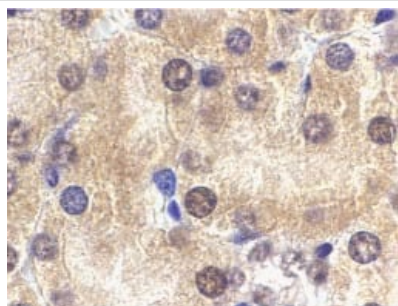
Immunohistochemistry (Formalin-fixed paraffin embedded sections) of human lung cancer tissue labeling ST2 with Anti-ST2 antibody (ab25877) at 5µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ST2 antibody - BSA free (ab25877)



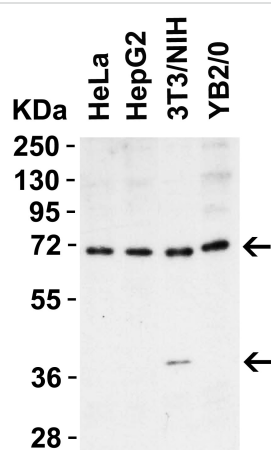
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ST2 antibody - BSA free (ab25877)

Immunohistochemistry of ST2 in human liver tissue with ST2 antibody at 5 µg/ml.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ST2 antibody - BSA free (ab25877)

ab25877 at 2µg/ml staining ST2 in mouse kidney tissue by IHC



Western blot - Anti-ST2 antibody - BSA free (ab25877)

**All lanes** : Anti-ST2 antibody - BSA free (ab25877) at 0.5 µg/ml

**Lane 1** : HeLa (Human epithelial cell line from cervix adenocarcinoma) whole cell lysate

**Lane 2** : HepG2 (Human liver hepatocellular carcinoma cell line) whole cell lysate

**Lane 3** : NIH/3T3 (Mouse embryonic fibroblast cell line) whole cell lysate

**Lane 4** : YB2/O whole cell lysate

Lysates/proteins at 15 µg per lane.

### Secondary

**All lanes** : Rabbit IgG antibody (HRP) at 1/10000 dilution

**Predicted band size:** 40 kDa

**Observed band size:** 70 kDa

**Exposure time:** 1 minute

Western blot analysis labeling ST2 with ab25877 at 0.5 µg/mL in 5% NFDM/TBST, followed by secondary antibody, incubated at room temperature for 1hr.

Running condition: 10% gel, 130V for 1.5 hrs.

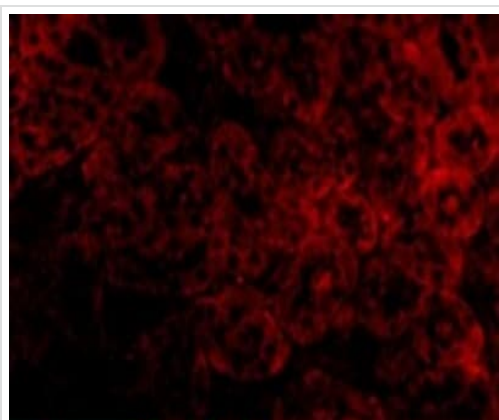
Transfer condition: Wet, 250mA, 2 hrs (NC membrane).

Blocking condition: 5% non-fat milk in TBS at 4°C overnight.

Washing condition: 5ml TBST, 4 x 5 min.

Exposure system: GE ECL 1 min.

Target bands were observed at 70kD in Human, mouse and rat cells and at 39kD in mouse cells.



Mouse kidney cells stained for ST2 using ab25877 at 20 µg/ml in ICC/IF.

Immunocytochemistry/ Immunofluorescence - Anti-ST2 antibody - BSA free (ab25877)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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