

ST2 Polyclonal Antibody

| Product Details | |
|--------------------|---|
| Size | 100 µg |
| Species Reactivity | Human, Mouse |
| Published Species | Human, Mouse |
| Host/Isotope | Rabbit / IgG |
| Class | Polyclonal |
| Type | Antibody |
| Conjugate | Unconjugated |
| Immunogen | A synthetic peptide corresponding to 16 amino acids at the amino-terminus of mouse ST2 |
| Form | Liquid |
| Concentration | 1 mg/mL |
| Purification | Antigen affinity chromatography |
| Storage buffer | PBS |
| Contains | 0.02% sodium azide |
| Storage Conditions | Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C |
| RRID | AB_11156630 |

| Applications | Tested Dilution | Publications |
|---|-----------------|----------------|
| Immunocytochemistry (ICC) | 20 µg/mL | - |
| Immunofluorescence (IF) | 5 µg/mL | - |
| Immunohistochemistry (IHC) | 5 µg/mL | 1 Publication |
| Western Blot (WB) | 1 µg/mL | - |
| Flow Cytometry (Flow) | - | 1 Publication |
| Immunohistochemistry (Frozen) (IHC (F)) | - | 1 Publication |
| Immunohistochemistry (Paraffin) (IHC (P)) | - | 2 Publications |

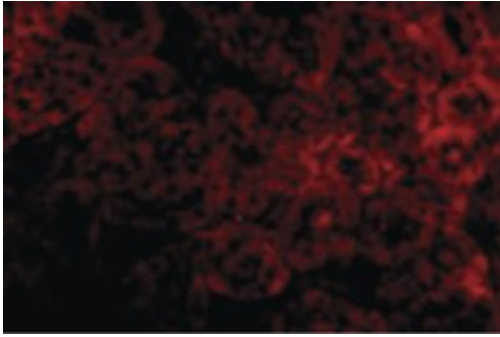
Product Specific Information

The immunogenic sequence is common to all three known ST2 isoforms.

A suggested positive control is 293 cell lysate.

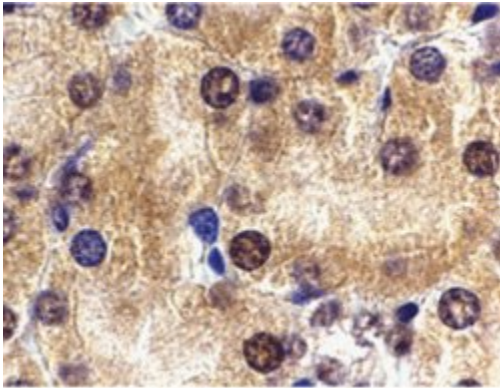
PA5-20077 can be used with blocking peptide PEP-0195.

Product Images For ST2 Polyclonal Antibody



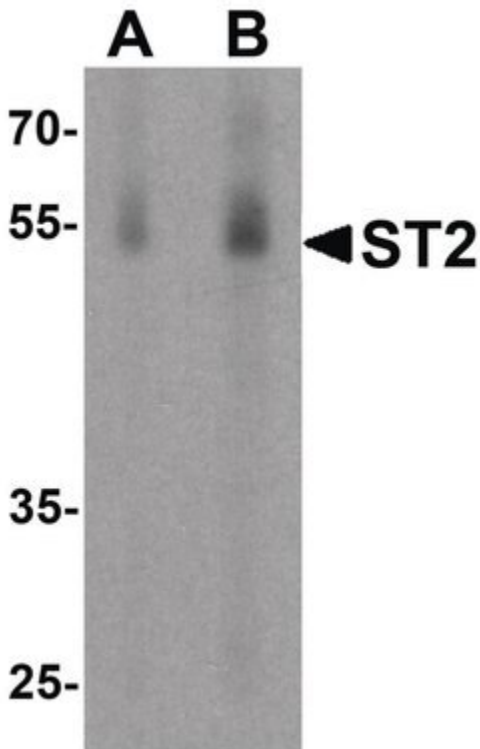
ST2 Antibody (PA5-20077) in IF

Immunofluorescent analysis of mouse kidney cells using a ST2 polyclonal antibody (Product # PA5-20077) at a 20 µg/mL dilution.



ST2 Antibody (PA5-20077) in IHC

Immunohistochemical staining of mouse kidney tissue using a ST2 polyclonal antibody (Product # PA5-20077) at a 2 µg/mL dilution.



ST2 Antibody (PA5-20077) in WB

Western blot analysis of human lung lysate using a ST2 polyclonal antibody (Product # PA5-20077) at (A) 1 and (B) 2 µg/mL.

[View more figures on thermofisher.com](https://www.thermofisher.com)

5 References

Flow Cytometry (1)

| | |
|---|---|
| Immunity Epidermal Growth Factor Receptor Expression Licenses Type-2 Helper T Cells to Function in a T Cell Receptor-Independent Fashion. "Published figure using ST2 polyclonal antibody (Product # PA5-20077) in Flow Cytometry" Authors: Minutti CM,Drube S,Blair N,Schwartz C,McCrae JC,McKenzie AN,Kamradt T,Mokry M,Coffer PJ,Sibilia M,Sijts AJ,Fallon PG,Maizels RM,Zaiss DM | Species Not Applicable Dilution Not Cited Year 2017 |
|---|---|

Immunohistochemistry (1)

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|---|---|
| Oncotarget Deletion of IL-33R attenuates VEGF expression and enhances necrosis in mammary carcinoma. "PA5-20077 was used in immunohistochemistry - paraffin section to study the attenuation of VEGF expression and enhancement of necrosis in mammary carcinoma by deletion of IL-33R" Authors: Milosavljevic MZ,Jovanovic IP,Pejnovic NN,Mitrovic SL,Arsenijevic NN,Simovic Markovic BJ,Lukic ML | Species Not Applicable Dilution 1:500 Year 2016 |
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Immunohistochemistry (Paraffin) (2)

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|---|---|
| Oncotarget Deletion of IL-33R attenuates VEGF expression and enhances necrosis in mammary carcinoma. "PA5-20077 was used in immunohistochemistry - paraffin section to study the attenuation of VEGF expression and enhancement of necrosis in mammary carcinoma by deletion of IL-33R" Authors: Milosavljevic MZ,Jovanovic IP,Pejnovic NN,Mitrovic SL,Arsenijevic NN,Simovic Markovic BJ,Lukic ML | Species Not Applicable Dilution 1:500 Year 2016 |
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| Journal of endodontics ST2 deletion increases inflammatory bone destruction in experimentally induced periapical lesions in mice. "PA5-20077 was used in immunohistochemistry - paraffin section to investigate the role of ST2 signaling in the pathogenesis of periapical lesions" Authors: Velickovic M,Pejnovic N,Mitrovic S,Radosavljevic G,Jovanovic I,Kanjevac T,Jovicic N,Lukic A | Species Mouse Dilution 1:500 Year 2015 |
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More applications with references on thermofisher.com

IHC (F) (1)

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