

## Product datasheet

# Anti-ST2 antibody [6B72] ab196525

## 2 References

### Overview

|                            |  |
|----------------------------|--|
| <b>Product name</b>        | Anti-ST2 antibody [6B72]   |
| <b>Description</b>         | Mouse monoclonal [6B72] to ST2   |
| <b>Host species</b>        | Mouse  |
| <b>Tested applications</b> | <b>Suitable for:</b> WB  |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Human  |
| <b>Immunogen</b>           | Recombinant fragment corresponding to Human ST2 aa 1-350 (extracellular). (NP_057316.3 ).<br>Database link: <a href="#">Q01638</a> |

 [Run BLAST with](#)

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### General notes

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.

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&As

### Properties

|                             |   |
|-----------------------------|---|
| <b>Form</b>                 | Lyophilized: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity. |
| <b>Storage instructions</b> | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.   |
| <b>Storage buffer</b>       | Constituent: 100% PBS   |
| <b>Purity</b>               | Protein G purified  |
| <b>Clonality</b>            | Monoclonal  |
| <b>Clone number</b>         | 6B72  |
| <b>Isotype</b>              | IgG1  |

### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab196525 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes                                    |
|-------------|-----------|--|
| WB          |           | Use at an assay dependent concentration. |

## Target

|                              |  |
|------------------------------|--|
| <b>Function</b>              | 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.   |
| <b>Tissue specificity</b>    | 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. |
| <b>Sequence similarities</b> | Belongs to the interleukin-1 receptor family.<br>Contains 3 Ig-like C2-type (immunoglobulin-like) domains.<br>Contains 1 TIR domain.   |
| <b>Cellular localization</b> | Secreted and Cell membrane.  |

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

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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