

# Goat Anti-Human IgG Heavy & Light Chain antibody {Alexa Fluor 488} (STJS000295)

STJS000295

## GENERAL INFORMATION

|                          |                                                                                                                                          |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Type</b>      | Secondary antibodies                                                                                                                     |
| <b>Short Description</b> | Alexa Fluor 488-conjugated goat polyclonal anti-Human IgG Heavy & Light Chain secondary antibody. For use in most research applications. |
| <b>Applications</b>      | ELISA/IF/FC                                                                                                                              |
| <b>Host/Source</b>       | Goat                                                                                                                                     |
| <b>Reactivity</b>        | Human                                                                                                                                    |

## PRODUCT PROPERTIES

|                            |                                                                                                                   |
|----------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>           | Polyclonal                                                                                                        |
| <b>Clone ID</b>            |                                                                                                                   |
| <b>Concentration</b>       | 1 mg/mL                                                                                                           |
| <b>Conjugation</b>         | Alexa Fluor 488                                                                                                   |
| <b>Purification</b>        | The antibody was isolated from antisera by immunoaffinity chromatography using antigens coupled to agarose beads. |
| <b>Dilution Range</b>      | IHC 1:200-1:1000<br>IF 1:200-1:1000<br>FCM 1:100-1:1000<br>ELISA                                                  |
| <b>Formulation</b>         | Liquid in 0.01M PBS pH7.2, 1% BSA, 50% Glycerol and 0.05% Sodium Azide                                            |
| <b>Isotype</b>             | IgG                                                                                                               |
| <b>Storage Instruction</b> | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                    |

## TARGET INFORMATION

|                         |
|-------------------------|
| <b>Gene ID</b>          |
| <b>Gene Symbol</b>      |
| <b>Uniprot ID</b>       |
| <b>Immunogen</b>        |
| <b>Immunogen Region</b> |
| <b>Specificity</b>      |
| <b>Immunogen</b>        |
| <b>Sequence</b>         |

|                 |         |            |
|-----------------|---------|------------|
| Alexa Fluor 350 | 346/442 | Blue       |
| Alexa Fluor 405 | 401/421 | Blue       |
| Alexa Fluor 488 | 496/519 | Green      |
| Alexa Fluor 532 | 532/553 | Yellow     |
| Alexa Fluor 555 | 555/565 | Yellow     |
| Alexa Fluor 568 | 578/603 | Red/Orange |
| Alexa Fluor 594 | 590/617 | Red/Orange |
| Alexa Fluor 633 | 632/647 | Red        |
| Alexa Fluor 647 | 650/665 | Red        |
| Alexa Fluor 660 | 663/690 | Near IR    |
| Alexa Fluor 680 | 679/702 | Near IR    |
| Alexa Fluor 750 | 749/775 | Near IR    |
| Alexa Fluor 790 | 784/814 | Near IR    |

To use the Alexa Fluors with fluorescent imagers, use a spectral line of the blue laser diode for Alexa Fluors 405, a cyan (488 nm) laser for Alexa Fluors 488, a yellow (525 nm) laser for Alexa Fluor 550 or 594, and a red (633 nm) laser for Alexa Fluor 649. The Alexa Fluor 680 and 790 fluors are compatible with laser- and filter-based infrared imaging instruments that emit in the 700 nm, and 800 nm

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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