

## Anti-ITGA2 antibody (30-162) (STJ29766)

STJ29766

### GENERAL INFORMATION

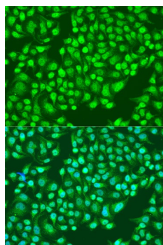
|                          |                       |
|--------------------------|-----------------------|
| <b>Product Type</b>      | Primary antibodies    |
| <b>Short Description</b> |                       |
| <b>Applications</b>      | WB/IHC-P/IF/ICC/ELISA |
| <b>Host/Source</b>       | Rabbit                |
| <b>Reactivity</b>        | Human/Mouse/Rat       |

### PRODUCT PROPERTIES

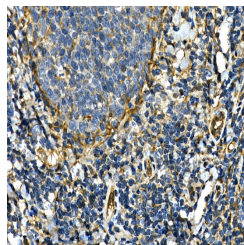
|                      |                                                                                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>     | Polyclonal                                                                                                                                                                 |
| <b>Clone ID</b>      |                                                                                                                                                                            |
| <b>Concentration</b> | Lot specific                                                                                                                                                               |
| <b>Conjugation</b>   | Unconjugated                                                                                                                                                               |
| <b>Purification</b>  | Affinity purification                                                                                                                                                      |
| <b>Dilution</b>      | WB:1:500-1:1000                                                                                                                                                            |
| <b>Range</b>         | IHC-P:1:50-1:200<br>IF/ICC:1:50-1:200<br>ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>Formulation</b>   | PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.                                                                                                                         |
| <b>Isotype</b>       | IgG                                                                                                                                                                        |
| <b>Storage</b>       | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                                             |
| <b>Instruction</b>   |                                                                                                                                                                            |

### TARGET INFORMATION

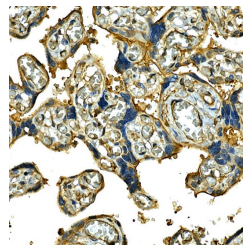
|                           |                                                                                                                                                |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 3673                                                                                                                                           |
| <b>Gene Symbol</b>        | ITGA2                                                                                                                                          |
| <b>Uniprot ID</b>         | ITA2_HUMAN                                                                                                                                     |
| <b>Immunogen</b>          |                                                                                                                                                |
| <b>Immunogen Region</b>   | 30-162                                                                                                                                         |
| <b>Specificity</b>        | A synthetic peptide corresponding to a sequence within amino acids 30-162 of human Integrin alpha 2 (ITGA2/CD49b) (NP_002194.2).               |
| <b>Immunogen Sequence</b> | YNVGLPEAKIFSGPSEQFG YAVQQFINPKGNWLLVGSPW SGFPENRMGVDYKCPVDLST ATCEKLNLTSTISIPNVTEM<br>KTNMSLGLILTRNMGTTGGFL TCGPLWAQQCGNQYYTTGVC SDISPDFQLSASF |



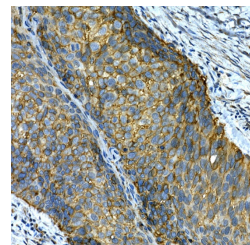
Immunofluorescence analysis of U2OS cells using [KO Validated] Integrin alpha 2 (ITGA2/CD49b) Rabbit polyclonal antibody (STJ29766) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of Integrin alpha 2 (ITGA2/CD49b) in paraffin-embedded human tonsil using [KO Validated] Integrin alpha 2 (ITGA2/CD49b) Rabbit polyclonal antibody (STJ29766) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of Integrin alpha 2 (ITGA2/CD49b) in paraffin-embedded human placenta using [KO Validated] Integrin alpha 2 (ITGA2/CD49b) Rabbit polyclonal antibody (STJ29766) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of Integrin alpha 2 (ITGA2/CD49b) in paraffin-embedded human lung cancer using [KO Validated] Integrin alpha 2 (ITGA2/CD49b) Rabbit polyclonal antibody (STJ29766) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.

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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