

## Rabbit anti-Human ITGB2 Polyclonal Antibody | anti-ITGB2 antibody

ITGB2 Antibody

|                               |                       |                            |                                                                        |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------------|
| CATALOG #<br><b>AAA232547</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunofluorescence, Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------------|

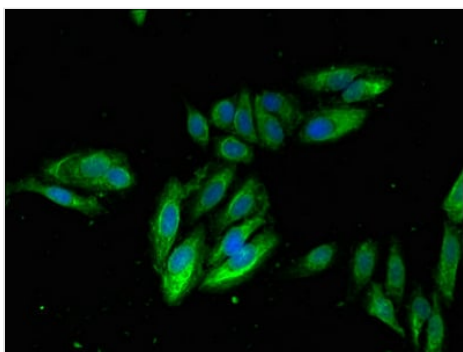
### PRODUCT SYNONYMS

ITGB2; Polyclonal Antibody; ITGB2 Antibody; Integrin beta-2; Cell surface adhesion glycoproteins LFA-1/CR3/p150; 95 subunit beta; Complement receptor C3 subunit beta; CD18; MFI7; anti-ITGB2 antibody

### PRODUCT SPECIFICATIONS

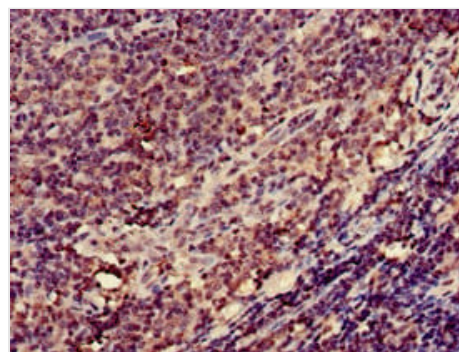
|                                                 |                                                                                                                |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                         |
| Reactivity                                      | Human                                                                                                          |
| Clonality                                       | Polyclonal                                                                                                     |
| Isotype                                         | IgG                                                                                                            |
| Purity/Purification                             | >95%, Protein G purified                                                                                       |
| Form/Format                                     | Liquid                                                                                                         |
| Sequence Length                                 | 769                                                                                                            |
| Applicable Applications for anti-ITGB2 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA                                                     |
| Immunogen                                       | Recombinant Human Integrin beta-2 protein (37-201AA)                                                           |
| Preservative                                    | 0.03% Proclin 300                                                                                              |
| Constituents                                    | 50% Glycerol, 0.01M PBS, pH 7.4                                                                                |
| Conjugation                                     | Non-conjugated                                                                                                 |
| Santa Cruz Alternative                          | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-28661 / sc-6623 / sc-6624 / sc-6625    |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### IMAGES



**IF (Immunofluorescence)**

Immunofluorescent analysis of Hela cells using AAA232547 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human lymph node tissue using AAA232547 at dilution of 1:100

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ITGB2 antibody | Integrin alpha-L/beta-2 is a receptor for ICAM1, ICAM2, ICAM3 and ICAM4. Integrins alpha-M/beta-2 and alpha-X/beta-2 are receptors for the iC3b fragment of the third complement component and for fibrinogen. Integrin alpha-X/beta-2 recognizes the sequence G-P-R in fibrinogen alpha-chain. Integrin alpha-M/beta-2 recognizes P1 and P2 peptides of fibrinogen gamma chain. Integrin alpha-M/beta-2 is also a receptor for factor X. Integrin alpha-D/beta-2 is a receptor for ICAM3 and VCAM1. Contributes to natural killer cell cytotoxicity (PubMed: 15356110). Involved in leukocyte adhesion and transmigration of leukocytes including T-cells and neutrophils (PubMed: 11812992). Triggers neutrophil transmigration during lung injury through PTK2B/PYK2-mediated activation (PubMed: 18587400). Integrin alpha-L/beta-2 in association with ICAM3, contributes to apoptotic neutrophil phagocytosis by macrophages (PubMed: 23775590). |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 735367775                                      |
| NCBI GeneID                      | 3689                                           |
| NCBI Accession #                 | NP_000202.3                                    |
| NCBI GenBank Nucleotide #        | NM_000211.4                                    |
| UniProt Accession #              | P05107; Q16418; Q53HS5; Q9UD72; B3KTS8; D3DSM1 |
| Molecular Weight                 | 84,782 Da                                      |
| NCBI Official Full Name          | integrin beta-2 isoform 1                      |
| NCBI Official Synonym Full Names | integrin subunit beta 2                        |
| NCBI Official Symbol             | ITGB2                                          |
| NCBI Official Synonym Symbols    | LAD; CD18; MF17; MFI7; LCAMB; LFA-1; MAC-1     |
| NCBI Protein Information         | integrin beta-2                                |
| UniProt Protein Name             | Integrin beta-2                                |
| UniProt Gene Name                | ITGB2                                          |
| UniProt Synonym Gene Names       | CD18; MFI7                                     |
| UniProt Entry Name               | ITB2_HUMAN                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/itgb2-antibody-immunofluorescence-immunohistochemistry-elisa/232547>