

## Mouse CD61 Monoclonal Antibody | anti-CD61 antibody

Anti-Hu CD61 PE

| CATALOG # | HOST  | REACTIVITY                | APPLICATIONS                     |
|-----------|-------|---------------------------|----------------------------------|
| AAA129039 | Mouse | Human, Non-human primates | Flow Cytometry, Functional Assay |

### PRODUCT SYNONYMS

CD61; Monoclonal Antibody; Anti-Hu CD61 PE; integrin subunit beta 3; integrin beta 3; ITGB3; GP3A; anti-CD61 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                         |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Mouse                                                                                                                                                                                                                                                                                   |
| Reactivity                                     | Human, Non-human primates                                                                                                                                                                                                                                                               |
| Clonality                                      | Monoclonal                                                                                                                                                                                                                                                                              |
| Isotype                                        | IgG1 kappa                                                                                                                                                                                                                                                                              |
| Clone Number                                   | VIPL2                                                                                                                                                                                                                                                                                   |
| Specificity                                    | The mouse monoclonal antibody VIPL2 recognizes an extracellular epitope of CD61, a 90-110 kDa transmembrane glycoprotein of integrin family, expressed on platelets, megacaryocytes, osteoclasts, endothelial cells and other cell types, including leucocytes and smooth muscle cells. |
| Purity/Purification                            | The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.                                                                                                                                     |
| Form/Format                                    | Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide                                                                                                                                                                                                      |
| Sequence Length                                | 788                                                                                                                                                                                                                                                                                     |
| Applicable Applications for anti-CD61 antibody | FCM/FACS (Flow Cytometry)                                                                                                                                                                                                                                                               |
| Conjugation                                    | PE                                                                                                                                                                                                                                                                                      |
| Preparation and Storage                        | Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light.                                                                                                                                                                                                    |

### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CD61 antibody | CD61 (beta3 integrin) is a transmembrane glycoprotein, which associates with CD41 or CD51 molecules to form heterodimeric adhesion receptors. CD41/CD61 complex is one of the earliest markers of the megakaryocytic lineage. It binds to fibronectin, fibrinogen and von Willebrand factor, and is involved in platelet aggregation. CD51/CD61 complex has similar binding properties and is involved in modulating migration and survival of angiogenic endothelial cells. |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                           |             |
|---------------------------|-------------|
| NCBI GI #                 | 47078292    |
| NCBI GeneID               | 3690        |
| NCBI Accession #          | NP_000203.2 |
| NCBI GenBank Nucleotide # | NP_000203.2 |
| UniProt Accession #       | P05106      |

|                                  |                                         |
|----------------------------------|-----------------------------------------|
| NCBI Official Full Name          | integrin beta-3                         |
| NCBI Official Synonym Full Names | integrin subunit beta 3                 |
| NCBI Official Symbol             | ITGB3                                   |
| NCBI Official Synonym Symbols    | GT; CD61; GP3A; BDPLT2; GPIIIa; BDPLT16 |
| NCBI Protein Information         | integrin beta-3                         |
| UniProt Protein Name             | Integrin beta-3                         |
| UniProt Gene Name                | <b>ITGB3</b>                            |
| UniProt Synonym Gene Names       | GP3A; GPIIIa                            |
| UniProt Entry Name               | ITB3_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/monoclonal/cd61-antibody-clone-vipl2-flow-cytometry-elisa/129039>