

## Mouse anti-Human, Mouse CD18 Monoclonal Antibody | anti-CD18 antibody

CD18 Mouse mAb

|                               |                      |                                   |                                                   |
|-------------------------------|----------------------|-----------------------------------|---------------------------------------------------|
| CATALOG #<br><b>AAA268513</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>ELISA, Immunocytochemistry</b> |
|-------------------------------|----------------------|-----------------------------------|---------------------------------------------------|

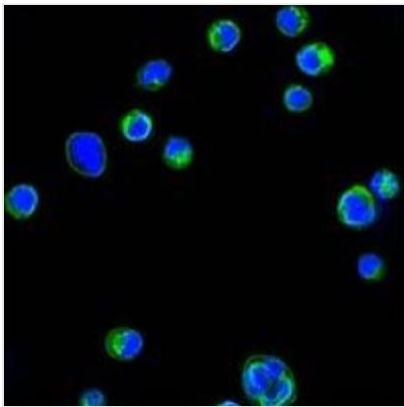
### PRODUCT SYNONYMS

CD18; Monoclonal Antibody; CD18 Mouse mAb; LAD; MF17; LCAMB; LFA-1; ITGB2; anti-CD18 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                           | Mouse                                                                                     |
| Reactivity                                     | Human, Mouse                                                                              |
| Clonality                                      | Monoclonal                                                                                |
| Isotype                                        | IgG2b                                                                                     |
| Clone Number                                   | 10E12                                                                                     |
| Purity/Purification                            | Ascitic Fluid                                                                             |
| Form/Format                                    | Liquid; Preservative: Ascitic fluid containing 0.03% sodium azide.                        |
| Applicable Applications for anti-CD18 antibody | ELISA, ICC (Immunocytochemistry)                                                          |
| Immunogen                                      | Purified recombinant fragment of CD18 expressed in E. Coli.                               |
| Conjugated objects                             | Unconjugated                                                                              |
| Embellish                                      | Unmodified                                                                                |
| Cellular Localization                          | Cell Membrane, Membrane                                                                   |
| Gene ID                                        | 3689                                                                                      |
| Research Field                                 | Signal Transduction                                                                       |
| Preparation and Storage                        | Store at 4 degree C short term. Store at -20 degree C long term. Avoid freeze/thaw cycle. |

IMAGES



IF (Immunofluorescence)  
Confocal Immunofluorescence analysis of HL60 cells using CD18 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CD18 antibody | CD18 is a 90–95 kD type I transmembrane protein also known as integrin $\beta 2$ subunit, LFA-1 $\beta$ subunit, and $\beta 2$ integrin. CD18 non-covalently associates with CD11a, CD11b or CD11c. CD18 is expressed on all leukocytes. CD18 and associated $\alpha$ chains function in adhesion and signaling in hematopoietic cells. Preservative: Ascitic fluid containing 0.03% sodium azide. |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                            |                 |
|----------------------------|-----------------|
| NCBI GI #                  | 89191865        |
| NCBI Accession #           | NP_000202.2     |
| NCBI GenBank Nucleotide #  | NP_000202.2     |
| UniProt Accession #        | P05107          |
| Molecular Weight           | 85kDa           |
| NCBI Official Full Name    | 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://stage.aaabiotech.com/monoclonal/cd18-antibody-clone-10e12-immunocytochemistry-elisa/268513>