

Biotin Anti-Human CD18 Antibody [TS1/18.1.2.11]

AGEL0240

Description

This Biotin Anti-Human CD18 Antibody [TS1/18.1.2.11] is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

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| SKU: | AGEL0240 |
| Contents: | 100µg, 25µg Bradford Reagent: 1 vial (2ml) |
| Category: | Monoclonal Antibody |
| Clonality: | Monoclonal |
| Clone: | TS1/18.1.2.11 |
| Synonyms: | CD18, Cell surface adhesion glycoproteins LFA-1/CR3/p150+95 subunit beta, Complement receptor C3 subunit beta, Integrin beta-2, Itgb2 |
| Applications: | FCM |
| Reactivity: | Human |
| Immunogen: | - |

Antibody Data

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| Uniprot ID: | P05107 |
| Gene ID: | 3689 |
| Swissprot: | P05107 |
| Host Species: | Mouse |
| Isotype: | Mouse IgG1, κ |

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|---------------------------------|---|
| Isotype Control: | Biotin Mouse IgG1, κ Isotype Control[MOPC-21] |
| Conjugation: | Biotin |
| Conjugation Information: | - |
| Buffer: | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. |
| Purification: | - |
| Target: | CD18 |
| Cellular Localization: | Membrane |
| Tissue Specificity: | - |
| Verified Samples: | - |
| Concentration: | 0.5 mg/mL |

Preparation & Storage

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| Storage: | This product can be stored at 2-8°C for 12 months. Do not freeze. |
| Shipping: | Ice bag |
| Recommended Dilution: | - |

| Recommended Usage: | Application | Recommended Usage |
|---------------------------|-------------|--|
| | FCM | Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is 1.0 µg per 10 ⁶ cells in 100 µL volume or 100 µL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application. |

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Notes: Centrifuge before opening to ensure complete recovery of vial contents.