

## Anti-Hu CD49c Purified ITGA3 Monoclonal Antibody

Catalog Number: M02902

### About ITGA3

CD49c / Integrin alpha 3 is a type I transmembrane glycoprotein proteolytically cleaved into two disulfide linked chains. It noncovalently associates with CD29 (integrin beta 1) to form the VLA-3 complex, an adhesion receptor for extracellular matrix components (fibronectin, laminin 1, laminin 5, entactin, and collagen). It is expressed on adherent cells, mainly on fibroblasts, epithelial cells and endothelial cells.

### Overview

|                      |   |
|----------------------|---|
| Product Name         | Anti-Hu CD49c Purified ITGA3 Monoclonal Antibody  |
| Reactive Species     | Human   |
| Description          | Boster Bio Anti-Hu CD49c Purified ITGA3 Monoclonal Antibody (Catalog# M02902). Tested in Flow Cytometry, IP, WB, IHC-F application(s). This antibody reacts with Human. |
| Application          | Flow Cytometry, IP, IHC-F, WB   |
| Clonality            | Monoclonal ASC-1  |
| Formulation          | Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide   |
| Storage Instructions | Store at 2-8°C. Do not freeze.  |
| Host                 | Mouse   |
| Uniprot ID           | P26006  |

### Technical Details

|                            |  |
|----------------------------|--|
| Immunogen                  | Human SSC-9 cell line (squamous cell carcinoma). The mouse monoclonal antibody ASC-1 recognizes an extracellular epitope of CD49c (integrin alpha 3), a transmembrane glycoprotein composed of disulfide linked 125 kDa and 30 kDa chains, and expressed on adherent cell lines and to a lesser extent on T and B cells and monocytes. |
| Predicted Reactive Species | Primate  |
| Cross Reactivity           | This antibody does not cross-react with Thy-1.1 alloantigen.   |
| Isotype                    | Mouse IgG1 kappa   |
| Form                       | Liquid   |
| Concentration              | 1 mg/ml  |
| Purification               | Purified by protein-A affinity chromatography.   |
| Suggested Dilutions        | Dilute the sample so that the expected range of concentrations fall within the detection range of this   |

kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

Flow cytometry: 1-4 ug/ml.

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