

Datasheet for ABIN678986

**anti-CD51 antibody (AA 51-150) (Cy3)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                                          |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                                   |
| Target:              | CD51 (ITGAV)                                                                                                                                             |
| Binding Specificity: | AA 51-150                                                                                                                                                |
| Reactivity:          | Human, Mouse                                                                                                                                             |
| Host:                | Rabbit                                                                                                                                                   |
| Clonality:           | Polyclonal                                                                                                                                               |
| Conjugate:           | This CD51 antibody is conjugated to Cy3                                                                                                                  |
| Application:         | Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)),<br>Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                                      |
|-----------------------|----------------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human Integrin alpha V |
| Isotype:              | IgG                                                                  |
| Cross-Reactivity:     | Human, Mouse                                                         |
| Predicted Reactivity: | Rat,Dog,Cow,Pig,Horse,Chicken                                        |
| Purification:         | Purified by Protein A.                                               |

## Target Details

|                   |                                                          |
|-------------------|----------------------------------------------------------|
| Target:           | CD51 (ITGAV)                                             |
| Alternative Name: | Integrin alpha V/Cd51 ( <a href="#">ITGAV Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | <p>Synonyms: CD51, MSK8, VNRA, VTNR, Integrin alpha-V, Vitronectin receptor subunit alpha, ITGAV</p> <p>Background: The alpha-V (ITGAV) integrins are receptors for vitronectin, cytotactin, fibronectin, fibrinogen, laminin, matrix metalloproteinase-2, osteopontin, osteomodulin, prothrombin, thrombospondin and vWF. They recognize the sequence R-G-D in a wide array of ligands. In case of HIV-1 infection, the interaction with extracellular viral Tat protein seems to enhance angiogenesis in Kaposi's sarcoma lesions.</p> |
| Gene ID:    | 3685                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| UniProt:    | <a href="#">P06756</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Pathways:   | <a href="#">Cell-Cell Junction Organization</a> , <a href="#">Signaling Events mediated by VEGFR1 and VEGFR2</a> , <a href="#">Growth Factor Binding</a> , <a href="#">Integrin Complex</a>                                                                                                                                                                                                                                                                                                                                              |

## Application Details

|                    |                                                                              |
|--------------------|------------------------------------------------------------------------------|
| Application Notes: | FCM 1:20-100<br>IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions:      | For Research Use only                                                        |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |