

## Datasheet for ABIN593986 **anti-ITGA4 antibody**



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### Overview

|              |                                                 |
|--------------|-------------------------------------------------|
| Quantity:    | 100 µg                                          |
| Target:      | ITGA4                                           |
| Reactivity:  | Rat                                             |
| Host:        | Mouse                                           |
| Clonality:   | Monoclonal                                      |
| Conjugate:   | This ITGA4 antibody is un-conjugated            |
| Application: | Flow Cytometry (FACS), Immunoprecipitation (IP) |

### Product Details

|               |                                                                                                                                                                             |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | RBL-2H3 rat basophilic leukemia cell line.                                                                                                                                  |
| Isotype:      | IgG2a                                                                                                                                                                       |
| Specificity:  | Recognizes rat CD49d, a 150kD type-1 transmembrane glycoprotein and member of the integrin alpha chain family, which acts as a receptor for fibronectin and CD106 (VCAM-1). |
| Purification: | Protein G purified                                                                                                                                                          |

### Target Details

|                   |                                                          |
|-------------------|----------------------------------------------------------|
| Target:           | ITGA4                                                    |
| Alternative Name: | ITGA4 / VLA-4 / CD49d ( <a href="#">ITGA4 Products</a> ) |
| Background:       | Name/Gene ID: ITGA4<br>Family: Integrin                  |

## Target Details

|           |                                                                                                                                                                         |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | Synonyms: ITGA4, 269C wild type, CD49D, IA4, Integrin alpha-4, Integrin alpha 4, Integrin alpha-4 subunit, Integrin alpha-IV, VLA-4, VLA-4 subunit alpha, CD49d antigen |
| Gene ID:  | 3676                                                                                                                                                                    |
| UniProt:  | <a href="#">P13612</a>                                                                                                                                                  |
| Pathways: | <a href="#">Integrin Complex</a>                                                                                                                                        |

## Application Details

|                    |                                                                                                                                              |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Approved: Flo (1:25 - 1:200), IP                                                                                                             |
|                    | Usage: Suitable for use in Flow Cytometry and Immunoprecipitation. Flow Cytometry: 1:25-1:200, 10 µL labels 10 <sup>6</sup> cells in 100 µL. |
| Comment:           | Target Species of Antibody: Rat                                                                                                              |
| Restrictions:      | For Research Use only                                                                                                                        |

## Handling

|                    |                                                                                                                                                                                |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                                                         |
| Concentration:     | Lot specific                                                                                                                                                                   |
| Buffer:            | PBS, pH 7.4, 0.09 % sodium azide                                                                                                                                               |
| Preservative:      | Sodium azide                                                                                                                                                                   |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                                         |
| Handling Advice:   | Avoid repeated freezing and thawing                                                                                                                                            |
| Storage:           | 4 °C,-20 °C                                                                                                                                                                    |
| Storage Comment:   | May be stored at 4°C for short-term only. For long-term storage and to avoid freeze-thaw cycles, aliquot and store at -20°C. Aliquots are stable for at least 1 year at -20°C. |