

Datasheet for ABIN199327  
**anti-CD51/CD61 antibody (FITC)**



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## Overview

|              |                                                                                                                                                                 |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µg                                                                                                                                                          |
| Target:      | CD51/CD61 (ITGAV/ITGB3)                                                                                                                                         |
| Reactivity:  | Human, Chicken, Rabbit, Cow, Dog, Monkey, Pig, Avian                                                                                                            |
| Host:        | Mouse                                                                                                                                                           |
| Clonality:   | Monoclonal                                                                                                                                                      |
| Conjugate:   | This CD51/CD61 antibody is conjugated to FITC                                                                                                                   |
| Application: | Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro)),<br>Immunofluorescence (IF), Immunohistochemistry (IHC), Functional Studies (Func) |

## Product Details

|               |                                                                                                                                                                                                               |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | Purified adhesion receptor from the human melanoma cell line M21.<br><br>Type of Immunogen: Cells                                                                                                             |
| Clone:        | LM609                                                                                                                                                                                                         |
| Isotype:      | IgG1                                                                                                                                                                                                          |
| Specificity:  | Recognizes the vitronectin receptor αVβ3 complex, an RGD-directed adhesion receptor. Species cross-reactivity: Human, bovine, chick, monkey, porcine, canine, rabbit and avian. Not reactive with rat tissue. |
| Purification: | Protein A purified                                                                                                                                                                                            |

## Target Details

|                   |                                                                  |
|-------------------|------------------------------------------------------------------|
| Target:           | CD51/CD61 (ITGAV/ITGB3)                                          |
| Alternative Name: | Integrin Alpha V Beta 3 ( <a href="#">ITGAV/ITGB3 Products</a> ) |

## Application Details

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|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Approved: Func, IF, IHC, IHC-Fr, IP<br><br>Usage: Suitable for use in Immunoprecipitation, Immunofluorescence and Inhibition of adhesion. Not suitable for Immunohistochemical staining of paraffin-embedded tissue sections. Inhibition of adhesion of cells to vitronectin coated surfaces: 10-25 µg/mL.<br>Immunohistochemistry/Immunofluorescence: Frozen. The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested. |
| Comment:           | Target Species of Antibody: Human                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | Lot specific                                                                                                           |
| Buffer:            | PBS, pH 7.6, 15 mg/mL BSA, 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 freeze-thaw cycles and prolonged exposure to light.                                                              |
| Storage:           | 4 °C, -20 °C                                                                                                           |
| Storage Comment:   | Short term: store at 4°C. Long term: aliquot and store -20°C. Avoid freeze-thaw cycles. Protect from light.            |