

Datasheet for ABIN7619938  
**anti-Integrin alpha 1 antibody (AA 125-366)**



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## Overview

|                      |                                                                                                           |
|----------------------|-----------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                    |
| Target:              | Integrin alpha 1 (ITGA1)                                                                                  |
| Binding Specificity: | AA 125-366                                                                                                |
| Reactivity:          | Human                                                                                                     |
| Host:                | Mouse                                                                                                     |
| Clonality:           | Monoclonal                                                                                                |
| Conjugate:           | This Integrin alpha 1 antibody is un-conjugated                                                           |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP),<br>Immunocytochemistry (ICC) |

## Product Details

|                  |                                                                                                                                        |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:         | Integrin Alpha 1 (ITGa1) Monoclonal Antibody                                                                                           |
| Sequence:        | Gly125~Ala366                                                                                                                          |
| Clone:           | D7                                                                                                                                     |
| Isotype:         | IgG2b kappa                                                                                                                            |
| Characteristics: | The Integrin Alpha 1 (ITGa1) Monoclonal Antibody (Species: Human) has been validated for the following applications: WB, IHC, ICC, IP. |
| Purification:    | Protein A + Protein G affinity chromatography                                                                                          |

## Target Details

|                   |                                                                                                                                                                                              |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | Integrin alpha 1 (ITGA1)                                                                                                                                                                     |
| Alternative Name: | ITGa1 ( <a href="#">ITGA1 Products</a> )                                                                                                                                                     |
| Gene ID:          | 3672                                                                                                                                                                                         |
| UniProt:          | <a href="#">P56199</a>                                                                                                                                                                       |
| Pathways:         | <a href="#">EGFR Signaling Pathway</a> , <a href="#">CXCR4-mediated Signaling Events</a> , <a href="#">Signaling of Hepatocyte Growth Factor Receptor</a> , <a href="#">Integrin Complex</a> |

## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                              |

## Handling

|                    |                                                                                                                   |
|--------------------|-------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                            |
| Concentration:     | 1 mg/mL                                                                                                           |
| Buffer:            | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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:           | 4 °C, -20 °C                                                                                                      |
| Storage Comment:   | 2°C to 8°C for frequent use, -20°C for 12 months. Avoid repeated freeze/thaw cycles.                              |
| Expiry Date:       | 12 months                                                                                                         |