

Datasheet for ABIN7431962
anti-VCAM1 antibody (AA 116-309)



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2 Images

Overview

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| Quantity: | 100 µL |
| Target: | VCAM1 |
| Binding Specificity: | AA 116-309 |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This VCAM1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

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|-------------------|--|
| Purpose: | Polyclonal Antibody to Vascular Cell Adhesion Molecule 1 (VCAM1) |
| Immunogen: | Recombinant Vascular Cell Adhesion Molecule 1 (VCAM1) corresponding to Pro116~Gln309 (Accession # P29533) |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against VCAM1. It has been selected for its ability to recognize VCAM1 in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Human |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

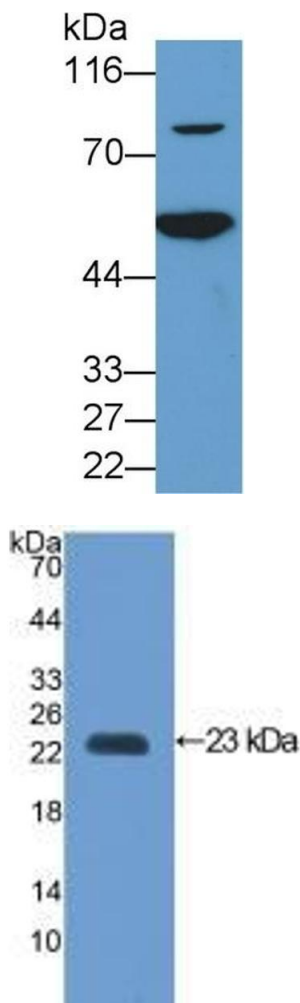
| | |
|-------------------|--|
| Target: | VCAM1 |
| Alternative Name: | VCAM1 (VCAM1 Products) |
| Background: | CD106, INCAM-100, L1CAM |
| UniProt: | P29533 |
| Pathways: | Carbohydrate Homeostasis |

Application Details

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| Application Notes: | Western blotting: 0.01-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

Handling

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|--------------------|---|
| Format: | Liquid |
| Concentration: | 0.34 mg/mL |
| Buffer: | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. |
| Preservative: | ProClin, Sodium azide |
| Precaution of Use: | This product contains ProClin and Sodium azide: POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only. |
| Storage: | 4 °C, -20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |



Western Blotting

Image 1. Detection of VCAM1 in Hela cell lysate using Polyclonal Antibody to Vascular Cell Adhesion Molecule 1 (VCAM1)

Western Blotting

Image 2. Detection of Recombinant VCAM1, Mouse using Polyclonal Antibody to Vascular Cell Adhesion Molecule 1 (VCAM1)