

Datasheet for ABIN7607458

MCAM Protein (AA 24-559) (His tag)[Go to Product page](#)

Overview

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| Quantity: | 50 µg |
| Target: | MCAM |
| Protein Characteristics: | AA 24-559 |
| Origin: | Human |
| Source: | Mammalian Cells |
| Protein Type: | Recombinant |
| Biological Activity: | Active |
| Purification tag / Conjugate: | This MCAM protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), ELISA, Activity Assay (AcA) |

Product Details

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| Purpose: | Recombinant Human CD146/MCAM Protein, C-His (Active) |
| Purity: | >90 % as determined by SDS-PAGE. |
| Endotoxin Level: | <0.1 EU/µg of the protein by the LAL method. |
| Biological Activity Comment: | Measured by its binding ability in a functional ELISA. When rh CD146/MCAM (Cat #: AHE39701) is immobilized at 1 µg/mL, 100 µL/well, it binds recombinant human Galectin-3. The concentration of recombinant human Galectin-3 that produces 50% of the optimal binding response is 0.25-1.25 µg/mL. |

Target Details

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| Target: | MCAM |
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Target Details

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| Alternative Name: | CD146 (MCAM Products) |
| Background: | CD146, Melanoma cell adhesion molecule, S-endo 1 endothelial-associated antigen, Melanoma-associated antigen A32, MUC18, MCAM, Melanoma-associated antigen MUC18, Cell surface glycoprotein MUC18, Cell surface glycoprotein P1H12 |
| UniProt: | P43121 |

Application Details

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

Handling

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| Format: | Lyophilized |
| Buffer: | Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol. |
| Storage: | 4 °C,-20 °C,-80 °C |
| Storage Comment: | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt. |
| Expiry Date: | 12 months |