

# Product Datasheet

## MCAM/CD146 Antibody [Biotin] AF6106B

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF6106B****MCAM/CD146 Antibody [Biotin]**

| <b>Product Information</b>         |                                                                                                                                                                                                                                         |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 0.1 ml                                                                                                                                                                                                                                  |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                             |
| <b>Storage</b>                     | Store at 4C in the dark.                                                                                                                                                                                                                |
| <b>Clonality</b>                   | Polyclonal                                                                                                                                                                                                                              |
| <b>Preservative</b>                | 0.05% Sodium Azide                                                                                                                                                                                                                      |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                     |
| <b>Conjugate</b>                   | Biotin                                                                                                                                                                                                                                  |
| <b>Purity</b>                      | Antigen Affinity-purified                                                                                                                                                                                                               |
| <b>Buffer</b>                      | PBS                                                                                                                                                                                                                                     |
| <b>Product Description</b>         |                                                                                                                                                                                                                                         |
| <b>Host</b>                        | Sheep                                                                                                                                                                                                                                   |
| <b>Gene ID</b>                     | 4162                                                                                                                                                                                                                                    |
| <b>Gene Symbol</b>                 | MCAM                                                                                                                                                                                                                                    |
| <b>Species</b>                     | Mouse                                                                                                                                                                                                                                   |
| <b>Specificity/Sensitivity</b>     | Detects mouse MCAM/CD146 in direct ELISAs and Western blots. In direct ELISAs, approximately 40% cross-reactivity with recombinant rat MCAM is observed and approximately 10% cross-reactivity with recombinant human MCAM is observed. |
| <b>Immunogen</b>                   | Mouse myeloma cell line NS0-derived recombinant mouse MCAM/CD146 Val24-Tyr563<br>Accession # Q8R2Y2                                                                                                                                     |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                         |
| <b>Applications</b>                | Western Blot, Immunocytochemistry                                                                                                                                                                                                       |
| <b>Recommended Dilutions</b>       | Western Blot, Immunocytochemistry                                                                                                                                                                                                       |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                  |



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### **Products Related to AF6106B**

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|               |                                        |
|---------------|----------------------------------------|
| BAF020        | Sheep IgG Isotype Control [Biotin]     |
| NBP1-88132PEP | MCAM/CD146 Recombinant Protein Antigen |
| DVE00         | VEGF [HRP]                             |
| DY932-05      | MCAM/CD146 [Biotin]                    |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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