

Product Datasheet

Semaphorin 4D/CD100 Antibody (SEMA4D/933) NBP2-44364-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-44364-0.1mg

Semaphorin 4D/CD100 Antibody (SEMA4D/933)

| Product Information | |
|-----------------------------|--|
| Unit Size | 0.1 mg |
| Concentration | 0.2 mg/ml |
| Storage | Store at 4C. |
| Clonality | Monoclonal |
| Clone | SEMA4D/933 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Purity | Protein A or G purified |
| Buffer | 10 mM PBS with 0.05% BSA |
| Product Description | |
| Host | Mouse |
| Gene ID | 10507 |
| Gene Symbol | SEMA4D |
| Species | Human, Primate |
| Reactivity Notes | Non-Human primates. |
| Specificity/Sensitivity | Recognizes a homodimeric protein comprised of 50kDa subunits, identified as CD100. It is expressed on majority of haemopoietic cells (B, T, NK and myeloid cells) and is absent from bone marrow, erythrocytes, eosinophils and endothelial cells. Its expression is increased after PHA-activation. CD100 was shown to associate with different partner molecules in T cells such as CD45, a key molecule with protein tyrosine phosphatase activity involved in T-cell transduction, and a Serine kinase. It plays a role in homotypic cell adhesion and in T cell activation. |
| Immunogen | Human recombinant Semaphorin 4D/CD100 protein |
| Product Application Details | |
| Applications | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunofluorescence |
| Recommended Dilutions | Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunofluorescence 0.5 - 1.0 ug/ml |
| Application Notes | Optimal dilution for a specific application should be determined. |





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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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