

DESCRIPTION

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| Species Reactivity | Human/Mouse |
| Specificity | Detects mouse Frizzled-7 in direct ELISAs. Does not cross-react with recombinant mouse Frizzled-1, -3, -4, or -8. Also detects Frizzled-7 on the differentiated embryoid bodies derived from the mouse embryonic cell line D3. Immunocytochemistry and flow cytometry experiments on human HEK 293 cells demonstrate cross-reactivity with human Frizzled-7. |
| Source | Monoclonal Rat IgG _{2A} Clone # 151143 |
| Purification | Protein A or G purified from hybridoma culture supernatant |
| Immunogen | Mouse myeloma cell line NS0-derived recombinant mouse Frizzled-7 Gln33-Leu185 Accession # Q61090 |
| Formulation | Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein. See Certificate of Analysis for details. |

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

| | Recommended Concentration | Sample |
|-----------------------|----------------------------------|--|
| Flow Cytometry | 2.5 µg/10 ⁶ cells | Retinoic acid-treated D3 mouse embryonic stem cell line and HEK293 human cell line |

PREPARATION AND STORAGE

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| Reconstitution | Reconstitute at 0.5 mg/mL in sterile PBS. |
| Shipping | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. |
| Stability & Storage | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution. |

BACKGROUND

Frizzled-7 belongs to the Frizzled family of seven transmembrane domain receptors. Frizzled proteins function as receptors for Wnt proteins.