

DESCRIPTION

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

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.