

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Frizzled-3 in direct ELISAs and Western blots. In immunohistochemistry detects mouse Frizzled-3 on differentiated embryoid bodies derived from the mouse embryonic cell line, D3, and on human HEK 293 cells. In direct ELISAs, no cross-reactivity with Frizzled-1, -4, -7 or -8 is observed.
Source	Monoclonal Rat IgG _{2A} Clone # 169310
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Frizzled-3 Met1-Val157 Accession # Q61086
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.

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
Western Blot	1 µg/mL	Recombinant Mouse Frizzled-3
Immunohistochemistry	8-25 µg/mL	Immersion fixed frozen sections of mouse embryo (E13-15)

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	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <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-3 is a member of the Frizzled family of G-protein coupled receptors that have seven transmembrane domains and an extracellular CRD. Frizzled proteins function as receptors for Wnt proteins.