

Human/Mouse Frizzled-3 Alexa Fluor® 405-conjugated Antibody

Monoclonal Rat IgG_{2A} Clone # 169310

Catalog Number: FAB1001V
100 µg

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects mouse Frizzled-3 in direct ELISAs. In direct ELISAs, no cross-reactivity with recombinant mouse Frizzled-1, -4, -7, or -8 is observed. By flow cytometry and immunohistochemistry, this antibody also detects mouse Frizzled-3 on differentiated embryoid bodies derived from the mouse embryonic cell line, D3. This antibody also detects Frizzled-3 on human HEK293 cells by immunocytochemistry and flow cytometry.
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
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

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	0.25-1 µg/10 ⁶ cells	HEK293 human embryonic kidney cell line

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. <ul style="list-style-type: none"> 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

Frizzled-3 is an integral membrane protein that belongs to the Frizzled family of G-protein coupled receptors. Frizzleds function as receptors for Wnt proteins.

PRODUCT SPECIFIC NOTICES

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