

**Antibody to Drosophila Frizzled (1C11-B9-H9-G9-D9)**
MOUSE MONOCLONAL

Catalog Number: AB-V01
Quantity: 100 micrograms
Format: PBS (0.14 M Sodium Chloride; 0.003 M Potassium Chloride; 0.002 M Potassium Phosphate; 0.01 M Sodium Phosphate; pH 7.4), no preservative.
Host: Mouse
Clone: 1C11-B9-H9-G9-D9
Immunogen: amino acids 1-252 of Drosophila melanogaster frizzled protein

Background: Frizzled proteins are a family of atypical G protein-coupled receptors involved in several critical signaling pathways, most notably the Wnt pathway. These receptors are essential in both developing and mature organisms, where they regulate key biological processes such as cell polarity, embryonic patterning, neural synapse formation, and cell proliferation. In Drosophila, the frizzled (fz) gene plays a central role in coordinating epidermal cell cytoskeletons, leading to the orderly alignment of cuticular hairs and bristles.

Specificity & Preparation: This IgG1 antibody was generated against amino acids 1-252 of Drosophila melanogaster frizzled protein.

Usage: Applications include western blot and immunofluorescence. Working dilutions must be determined by end user.

Storage: Store antibody at -20°C for one year. Avoid repeated freezing and thawing. Gently spin down material 5-10 seconds in a microfuge before use.

**Selected References:**

1. Park WJ, Liu J, Adler PN (1994) The frizzled gene of Drosophila encodes a membrane protein with an odd number of transmembrane domains. Mech Dev 45(2):127-137. doi: 10.1016/0925-4773(94)90026-4 PMID: 8199049

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