

DESCRIPTION

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| Species Reactivity | Human |
| Specificity | Detects human Frizzled-6 in direct ELISAs and Western blots. In Western blots, approximately 10% cross-reactivity with recombinant mouse (rm) Frizzled-6 is observed, and less than 5% cross-reactivity with rmFrizzled-1, rmFrizzled-2, rmFrizzled-3, rmFrizzled-4, recombinant human (rh) Frizzled-5, rmFrizzled-7, rmFrizzled-8, and rhFrizzled-10 is observed. |
| Source | Polyclonal Goat IgG |
| Purification | Antigen Affinity-purified |
| Immunogen | Mouse myeloma cell line NS0-derived recombinant human Frizzled-6 His19-Val153 Accession # O60353 |
| Formulation | Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS. |

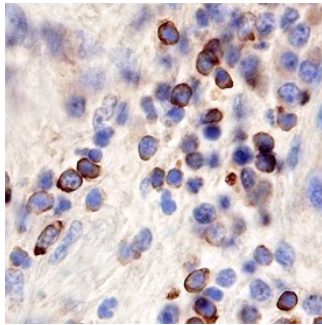
APPLICATIONS

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 | 0.1 µg/mL | Recombinant Human Frizzled-6 |
| Flow Cytometry | 2.5 µg/10 ⁶ cells | HEK293 human embryonic kidney cell line |
| Immunohistochemistry | 5-15 µg/mL | See Below |
| CyTOF-ready | Ready to be labeled using established conjugation methods. No BSA or other carrier proteins that could interfere with conjugation. | |

DATA

Immunohistochemistry



Frizzled-6 in Human Kidney Cancer Tissue. Frizzled-6 was detected in immersion fixed paraffin-embedded sections of human kidney cancer tissue using Goat Anti-Human Frizzled-6 Antigen Affinity-purified Polyclonal Antibody (Catalog # AF3149) at 10 µg/mL overnight at 4 °C. Before incubation with the primary antibody, tissue was subjected to heat-induced epitope retrieval using Antigen Retrieval Reagent-Basic (Catalog # CTS013). Tissue was stained using the Anti-Goat HRP-DAB Cell & Tissue Staining Kit (brown; Catalog # CTS008) and counterstained with hematoxylin (blue). Specific staining was localized to cell membranes. View our protocol for [Chromogenic IHC Staining of Paraffin-embedded Tissue Sections](#).

PREPARATION AND STORAGE

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|--------------------------------|--|
| Reconstitution | Reconstitute at 0.2 mg/mL in sterile PBS. |
| Shipping | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C |
| 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-6 is a member of the Frizzled/Smoothed family of G-protein coupled receptors that mediate the Wnt beta-Catenin signaling pathway.