



## Mouse anti-Human FZD5 monoclonal antibody, clone 7B4 (CABT-B10294)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

|                              |                                                                                                                  |
|------------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Immunogen</b>             | FZD5 (NP_003459, 72 a.a. ~ 162 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| <b>Isotype</b>               | IgG2a                                                                                                            |
| <b>Source/Host</b>           | Mouse                                                                                                            |
| <b>Species Reactivity</b>    | Human                                                                                                            |
| <b>Clone</b>                 | 7B4                                                                                                              |
| <b>Conjugate</b>             | Unconjugated                                                                                                     |
| <b>Applications</b>          | WB, IP, sELISA, ELISA                                                                                            |
| <b>Sequence Similarities</b> | PLVEIQCSPDLRFFLCSMYTPICLDPYHKPLPPCRSVCERAKAGCSPLMRQYGFAWPERM<br>SCDRLPVLGRDAEVLCMDYNRSEATTAPPR*                  |
| <b>Format</b>                | Liquid                                                                                                           |
| <b>Size</b>                  | 100 µg                                                                                                           |
| <b>Buffer</b>                | In 1x PBS, pH 7.2                                                                                                |
| <b>Storage</b>               | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                         |

### BACKGROUND

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| <b>Introduction</b> | Members of the frizzled gene family encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The FZD5 protein is believed to be the receptor for the |
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Wnt5A ligand. [provided by RefSeq, Jul 2008]

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| <b>Keywords</b> | FZD5; frizzled class receptor 5; HFZ5; C2orf31; frizzled-5; fz-5; fzE5; Wnt receptor; frizzled family receptor 5; seven-transmembrane receptor frizzled-5; frizzled 5, seven transmembrane spanning receptor; |
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## GENE INFORMATION

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| <b>Entrez Gene ID</b> | <a href="#">7855</a>                                                                                                                                                                                                                                                                                                            |
| <b>UniProt ID</b>     | <a href="#">Q13467</a>                                                                                                                                                                                                                                                                                                          |
| <b>Pathway</b>        | Basal cell carcinoma, organism-specific biosystem; Basal cell carcinoma, conserved biosystem; Canonical Wnt signaling pathway, organism-specific biosystem; Class B/2 (Secretin family receptors), organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; HTLV-I infection, organism-specific biosystem |
| <b>Function</b>       | G-protein coupled receptor activity; PDZ domain binding; Wnt receptor activity; Wnt receptor activity; Wnt-protein binding; protein binding; protein kinase binding                                                                                                                                                             |

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