

## **International Office**

#### **Everest Biotech Ltd**

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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# EB07028 - Goat Anti-FZD8 / frizzled 8 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

Principal Names: FZD8, frizzled homolog 8 (Drosophila), HGNC:4046, FZ-8, hFZ8,

frizzled (Drosophila) homolog 8, frizzled 8

Official Symbol: FZD8

Accession Number(s): NP\_114072.1

Human GeneID(s): 8325

Non-Human GenelD(s): 14370 (mouse)

#### **Immunogen**

Peptide with sequence C-SYPKQMPLSQV, from the C Terminus of the protein sequence according to NP\_114072.1.

Please note the <u>peptide</u> is available for sale.

### **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

# **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 75kDa band observed in Human Pancreas lysates (calculated MW of 73.3kDa according to NP\_114072.1). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour. This antibody has been successfully used in WB on Mouse: Zhao

B et al. (2019) PMID: 21321602.

IHC: Paraffin embedded Human Pancreas. Recommended concentration: 3µg/ml.

**Immunofluorescence:** This antibody has been successfully used in IF on Mouse: Zhao B et al. (2019) PMID: 21321602.

Additional validation: This antibody was successfully used in Electron microscopy

(immunogold staining): Zhao B et al. (2019) PMID: 21321602.

### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

#### **Specific Reference**

This antibody has been successfully used in WB, IF & EM on Mouse:

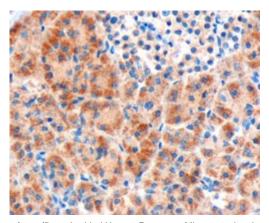
Zhao B, Wang HB, Lu YJ, Hu JW, Bao L, Zhang X.

Transport of receptors, receptor signaling complexes and ion channels via neuropeptide-secretoryvicell Res. 2011 May;21(5):741-53.

PMID: 21321602



EB07028 (1µg/ml) staining of Human Pancreas lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB07028 (3µg/ml) staining of paraffin embedded Human Pancreas. Microwaved antigen retrieval with Tris/EDTA buffer pH9, HRP-