Data Sheet (Cat.No.TMAB-00723)

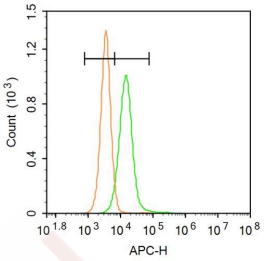
Anti-FZD7 Polyclonal Antibody

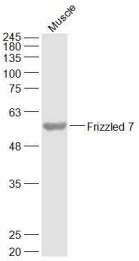
Product Details

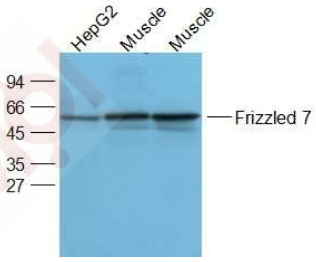
Ig Type:	IgG
Reactivity:	Human,Mouse,Rat (predicted:Chicken,Dog,Pig,Cow,GuineaPig)
Molecular Weight:	Theoretical: 60 kDa. Actual: 60 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Blank control: A431. Primary Antibody (green line): Rabbit Anti-Frizzled 7 antibody (TMAB-00723) Dilution: 3 μg/10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-AF647 Dilution: 3 μg/test. Protocol The cells were incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. 2. Sample: Muscle (Mouse) Lysate at 40 μg Primary: Anti-Frizzled 7 (TMAB-00723) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 60 kDa Observed band size: 60 kDa 3. Sample: HepG2 (Human) Cell Lysate at 30 μg Muscle (Mouse) Lysate at 40 μg Muscle (Rat) Lysate at 40 μg Primary: Anti-Frizzled 7 (TMAB-00723) at 1/2000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 60 kDa Observed band size: 60 kDa







Application: FCM,WB

Recommended: WB: 1:500-2000; FCM: 3ug/Test

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human Frizzled 7

Antigen Species: Human

Gene ID: 8324

Uniprot ID: O75084

Synonyms: FzE3

Research Background

Members of the 'frizzled' gene family encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The Frizzled 7 protein contains an N-terminal signal sequence, 10 cysteine residues typical of the cysteine-rich extracellular domain of Frizzled family members, 7 putative transmembrane domains, and an intracellular C-terminal tail with a PDZ domain-binding motif. Frizzled 7 gene expression may downregulate APC function and enhance beta-catenin-mediated signals in poorly differentiated human esophageal carcinomas. Frizzled 7 expression has been reported in brain, gastrointestinal tract, heart, fetal kidney, fetal lung, placenta, skeletal muscle, and various cancers. ESTs have been isolated from a wide variety of normal and cancer libraries.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481