

Anti-WNT10B Antibody (4Z727)

Product Details

Ig Type:	IgG1, Kappa
Reactivity:	Human,Rat (predicted:Mouse)
Molecular Weight:	Theoretical: 40 kDa.
Clone:	4Z727
Purification:	Protein G purified

Applications

1. Cell line: HeLa
Fixative: 4% Paraformaldehyde
Permeabilization: 0.1% TritonX-100
Primary ab dilution: 1:50
Primary incubation condition: 4°C overnight
Secondary ab: Goat Anti-Mouse IgG
Nuclear counter stain: DAPI (Blue)
Comment: Color green is the positive signal for TMAB-14184
2. Tissue: Human liver cancer
Section type: Formalin fixed & Paraffin-embedded section
Retrieval method: High temperature and high pressure
Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary ab dilution: 1:100
Primary ab incubation condition: 1 hour at room temperature
Secondary ab: SP Kit (Mouse)
Counter stain: Hematoxylin (Blue)
Comment: Color brown is the positive signal for TMAB-14184
3. Blocking buffer: 5% NFDm/TBST
Primary ab dilution: 1:10000
Primary ab incubation condition: 2 hours at room temperature
Secondary ab: Goat Anti-Mouse IgG H&L (HRP)
Lysate: 1: HeLa, 2: SH-SY5Y, 3: C2C12
Protein loading quantity: 20 µg
Exposure time: 3 s
Predicted MW: 43 kDa
Observed MW: 43 kDa
4. Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (WNT10B) Monoclonal Antibody, Unconjugated (TMAB-14184) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.

Verified Activity:

Comment: Color brown is the positive signal for TMAB-14184

A DRUG SCREENING EXPERT

Application: WB,IHC-P,IHC-Fr,ICC/IF,IF

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; ICC/IF: 1:100-500; IF: 1:100-500

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. 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 WNT10B

Antigen Species: Human

Gene ID: 7480

Uniprot ID: O00744

Research Background

The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. It may be involved in breast cancer, and its protein signaling is likely a molecular switch that governs adipogenesis. This protein is 96% identical to the mouse Wnt10b protein at the amino acid level. This gene is clustered with another family member, WNT1, in the chromosome 12q13 region. [provided by RefSeq, Jul 2008]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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