

# FAT1 Antibody

Purified Mouse Monoclonal Antibody (Mab) Catalog # AM8531b

#### **Product Information**

ApplicationWB, EPrimary AccessionQ14517ReactivityHumanHostMouseClonalitymonoclonalIsotypeIgG1,k

**Clone Names** 1634CT464.1.9

Calculated MW 506273

### **Additional Information**

**Gene ID** 2195

**Other Names** Protocadherin Fat 1, Cadherin family member 7, Cadherin-related tumor

suppressor homolog, Protein fat homolog, Protocadherin Fat 1, nuclear form,

FAT1, CDHF7, FAT

**Target/Specificity** This FAT1 antibody is generated from a mouse immunized with a

recombinant protein between 4203-4539 amino acids from human FAT1.

**Dilution** WB~~1:2000 E~~Use at an assay dependent concentration.

**Format** Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.

This antibody is purified through a protein G column, followed by dialysis

against PBS.

**Storage** Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store

at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions** FAT1 Antibody is for research use only and not for use in diagnostic or

therapeutic procedures.

### **Protein Information**

Name FAT1

Synonyms CDHF7, FAT

**Function** [Protocadherin Fat 1]: Plays an essential role for cellular polarization,

directed cell migration and modulating cell-cell contact.

**Cellular Location** [Protocadherin Fat 1]: Cell membrane; Single-pass type I membrane protein

**Tissue Location** Expressed in many epithelial and some endothelial and smooth muscle cells

## **Background**

Plays an essential role for cellular polarization, directed cell migration and modulating cell-cell contact.

### References

Dunne J., et al. Genomics 30:207-223(1995).

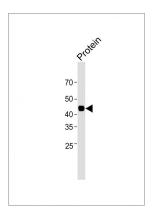
Hillier L.W., et al. Nature 434:724-731(2005).

Magg T., et al. Exp. Cell Res. 307:100-108(2005).

Cantin G.T., et al. J. Proteome Res. 7:1346-1351(2008).

Hou R., et al. J. Biol. Chem. 284:6955-6965(2009).

## **Images**



All lanes: Anti-FAT1 Antibody at 1:1000 dilution + Protein lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Mouse IgG, (H+L), Peroxidase conjugated (ASP1613) at 1/8000 dilution. Observed band size: 45 KDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.