

#### **Anti-MFG-E8 Antibody**

**Catalog # AP53825** 

# **Specification**

# **Anti-MFG-E8 Antibody - Product Information**

Application WB
Primary Accession 008431

Reactivity Human, Mouse, Rat

Host Rabbit
Clonality Polyclonal
Calculated MW 43105

### **Anti-MFG-E8 Antibody - Additional Information**

**Gene ID 4240** 

#### **Other Names**

Lactadherin; Breast epithelial antigen BA46; HMFG; MFGM; Milk fat globule-EGF factor 8; MFG-E8; SED1

#### **Target/Specificity**

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MFG-E8. The exact sequence is proprietary.

#### **Dilution**

WB~~1/500 - 1/1000

#### **Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

#### **Storage**

Store at -20 °C. Stable for 12 months from date of receipt

## **Anti-MFG-E8 Antibody - Protein Information**

## Name MFGE8

#### **Function**

Plays an important role in the maintenance of intestinal epithelial homeostasis and the promotion of mucosal healing. Promotes VEGF-dependent neovascularization (By similarity). Contributes to phagocytic removal of apoptotic cells in many tissues. Specific ligand for the alpha-v/beta-3 and alpha-v/beta-5 receptors. Also binds to phosphatidylserine-enriched cell surfaces in a receptor-independent manner. Zona pellucida-binding protein which may play a role in gamete interaction.

#### **Cellular Location**

Membrane; Peripheral membrane protein. Secreted. Cytoplasmic vesicle, secretory vesicle,



acrosome membrane {ECO:0000250|UniProtKB:P79385}; Peripheral membrane protein {ECO:0000250|UniProtKB:P79385}. Note=Located in the acrosomal region of zona-pellucida bound sperm. {ECO:0000250|UniProtKB:P79385}

#### **Tissue Location**

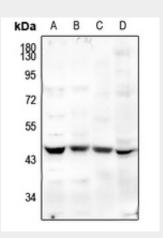
Mammary epithelial cell surfaces and aortic media. Overexpressed in several carcinomas

## **Anti-MFG-E8 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# **Anti-MFG-E8 Antibody - Images**



Western blot analysis of MFG-E8 expression in MCF7 (A), SKOVCAR3 (B), rat kidney (C), mouse lung (D) whole cell lysates.

## Anti-MFG-E8 Antibody - Background

Rabbit polyclonal antibody to MFG-E8