

Anti-MFG-E8 Antibody
Catalog # AP53825**Specification**

Anti-MFG-E8 Antibody - Product Information

Application	WB
Primary Accession	Q08431
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

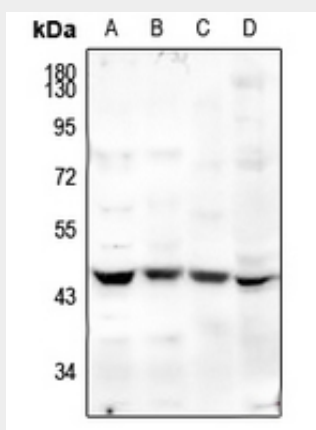
Mammary epithelial cell surfaces and aortic media. Overexpressed in several carcinomas

Anti-MFG-E8 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-MFG-E8 Antibody - Images



Western blot analysis of MFG-E8 expression in MCF7 (A), SKOV3 (B), rat kidney (C), mouse lung (D) whole cell lysates.

Anti-MFG-E8 Antibody - Background

Rabbit polyclonal antibody to MFG-E8