

MFGE8 / MFG-E8 Antibody (clone 1E7)
Mouse Monoclonal Antibody
Catalog # ALS14511**Specification**

MFGE8 / MFG-E8 Antibody (clone 1E7) - Product Information

Application	IP, IHC
Primary Accession	Q08431
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	43kDa KDa

MFGE8 / MFG-E8 Antibody (clone 1E7) - Additional Information**Gene ID** 4240**Other Names**

Lactadherin, Breast epithelial antigen BA46, HMFG, MFGM, Milk fat globule-EGF factor 8, MFG-E8, SED1, Lactadherin short form, Medin, MFGE8

Target/Specificity

Human MFGE8 / MFG-E8

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

MFGE8 / MFG-E8 Antibody (clone 1E7) is for research use only and not for use in diagnostic or therapeutic procedures.

MFGE8 / MFG-E8 Antibody (clone 1E7) - 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}

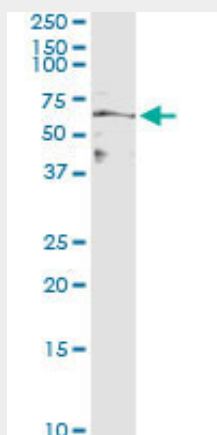
Tissue Location

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

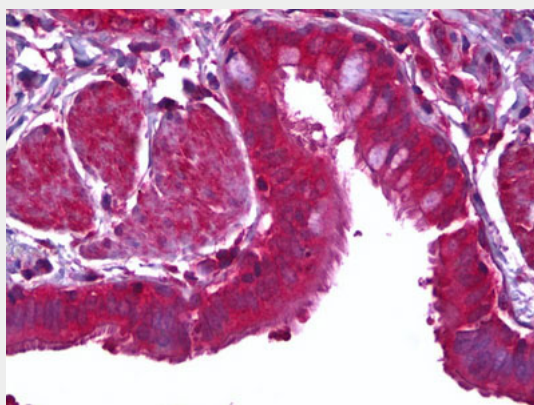
MFGE8 / MFG-E8 Antibody (clone 1E7) - Protocols

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](#)

MFGE8 / MFG-E8 Antibody (clone 1E7) - Images

Immunoprecipitation of MFGE8 transfected lysate using anti-MFGE8 monoclonal antibody and Protein...



Anti-MFGE8 / MFG-E8 antibody IHC of human lung, epithelium.

MFGE8 / MFG-E8 Antibody (clone 1E7) - Background

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. Binds specifically to rotavirus and inhibits its replication.

MFGE8 / MFG-E8 Antibody (clone 1E7) - References

Couto J.R.,et al.DNA Cell Biol. 15:281-286(1996).
Sivashanmugam P.,et al.Submitted (AUG-2002) to the EMBL/GenBank/DDBJ databases.
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.