

Anti-MFGE8 /Lactadherin Antibody (clone EDM45)

Mouse Anti Human Monoclonal Antibody

Catalog # ALS17800

Product Information

Application	WB, IHC-P, IF, IP
Primary Accession	Q08431
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Names	EDM45
Calculated MW	43105

Additional Information

Gene ID	4240
Alias Symbol Other Names	MFGE8 MFGE8, Breast epithelial antigen BA46, EDIL1, HP47, Lactadherin, Medin, MFGM, Milk fat globule-EGF factor 8, HsT19888, OAcGD3S, SPAG10, Sperm associated antigen 10, MFG-E8, SED1, Sperm surface protein hP47, BA46, HMFG
Reconstitution & Storage	Protein G purified
Precautions	Anti-MFGE8 /Lactadherin Antibody (clone EDM45) is for research use only and not for use in diagnostic or therapeutic procedures.

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

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