

Rabbit anti-Human, Mouse MFGE8 Polyclonal Antibody | anti-MFGE8 antibody

MFGE8 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322767	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

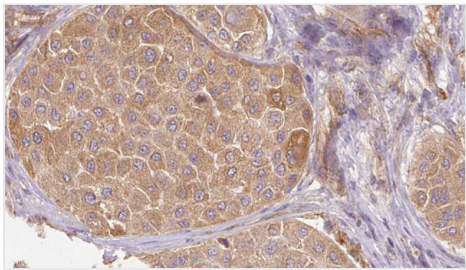
PRODUCT SYNONYMS

MFGE8; Polyclonal Antibody; MFGE8 Antibody; BA46; Breast epithelial antigen BA46; EDIL1; HMFG; hP47; HsT19888; Lactadherin; Medin; MFG-E8; MFGM; MFGM_HUMAN; Milk fat globule EGF factor 8; Milk fat globule EGF factor 8 protein; Milk fat globule-EGF factor 8; O acetyl disialoganglioside synthase; OAcGD3S; SED1; SPAG10; Sperm associated antigen 10; Sperm surface protein hP47; anti-MFGE8 antibody

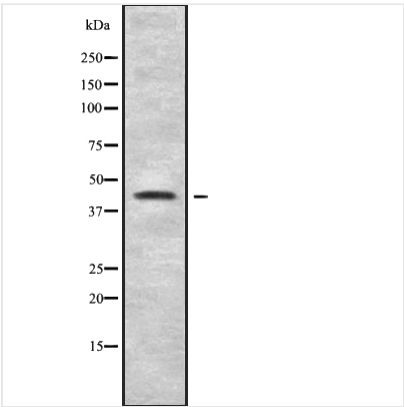
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	MFGE8 antibody detects endogenous levels of total MFGE8
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	335
Applicable Applications for anti-MFGE8 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MFGE8
Subcellular Location	Membrane. Secreted.
Tissue Specificity	Mammary epithelial cell surfaces and aortic media. Overexpressed in several carcinomas.
Predicted Cross Reactivity	Xenopus
Similarity	Xenopus (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA322767 at 1/100 staining Human Melanoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of MFGE8 using HUVEC whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-MFGE8 antibody	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. Binds specifically to rotavirus and inhibits its replication. Post-translational Modifications: Medin has a ragged N-terminus with minor species starting at Pro-264 and Gly-273. Similarity: The F5/8 type C 2 domain mediates high-affinity binding to phosphatidylserine-containing membranes.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	167830477
NCBI GeneID	4240
NCBI Accession #	NP_001108086.1
NCBI GenBank Nucleotide #	NM_001114614.2
UniProt Accession #	Q08431; Q53FU9; Q7Z3D2; Q9BTL9; B2R6M7; F5GZN3
Molecular Weight	Observed: 43 kDa Predicted: 44 kDa
NCBI Official Full Name	lactadherin isoform b
NCBI Official Synonym Full Names	milk fat globule-EGF factor 8 protein
NCBI Official Symbol	MFGE8
NCBI Official Synonym Symbols	BA46; HMFG; MFGM; SED1; hP47; EDIL1; MFG-E8; SPAG10; OAcGD3S; HsT19888
NCBI Protein Information	lactadherin
UniProt Protein Name	Lactadherin
UniProt Gene Name	MFGE8
UniProt Synonym Gene Names	MFG-E8

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.