



# MFGM Monoclonal Antibody

<b>Catalog No</b>	YP-mAb-06928
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human; Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	MFGE8
<b>Protein Name</b>	Lactadherin (Breast epithelial antigen BA46) (HMFG) (MFGM) (Milk fat globule-EGF factor 8) (MFG-E8) (SED1) [Cleaved into: Lactadherin short form; Medin]
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	MFGM Monoclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-1:2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	42kD
<b>Cell Pathway</b>	Membrane ; Peripheral membrane protein . Secreted . Cytoplasmic vesicle, secretory vesicle, acrosome membrane ; Peripheral membrane protein . Located in the acrosomal region of zona-pellucida bound sperm. .
<b>Tissue Specificity</b>	Mammary epithelial cell surfaces and aortic media. Overexpressed in several carcinomas.
<b>Function</b>	function:Medin is the main constituent of aortic medial amyloid.,function: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.,PTM:Medin has a ragged N-terminus with minor species starting at Pro-264 and Gly-273.,similarity:Contains 1 EGF-like domain.,similarity:Contains 1 F5/8 type C domain.,similarity:Contains 2 F5/8 type C domains.,similarity:Contains 3 F5/8 type C domains.,tissue specificity:Mammary epithelial cell surfaces and aortic media. Overexpressed in several carcinomas.,
<b>Background</b>	This gene encodes a preproprotein that is proteolytically processed to form multiple protein products. The major encoded protein product, lactadherin, is a



membrane glycoprotein that promotes phagocytosis of apoptotic cells. This protein has also been implicated in wound healing, autoimmune disease, and cancer. Lactadherin can be further processed to form a smaller cleavage product, medin, which comprises the major protein component of aortic medial amyloid (AMA). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2015],

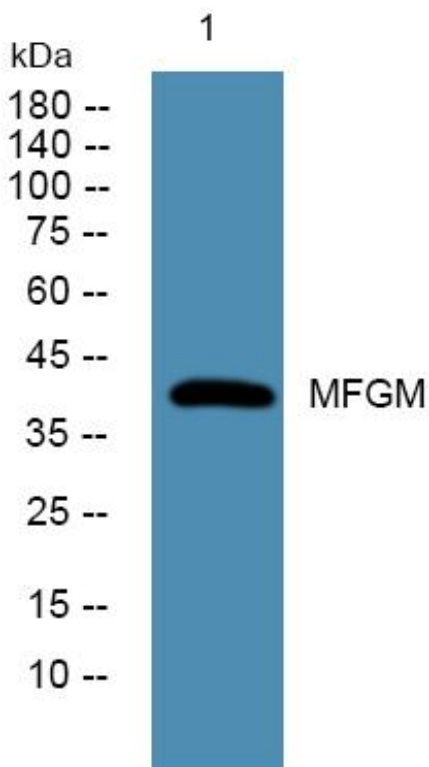
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**



Western Blot analysis of various cells using MFGM Monoclonal Antibody