



## Rabbit Anti-MFGE8/BA46 antibody

SL6454R

<b>Product Name:</b>	MFGE8/BA46
<b>Chinese Name:</b>	乳腺epithelial cells抗原BA46抗体
<b>Alias:</b>	BA46; Breast epithelial antigen BA46; Contains Medin; HMFG; Lactadherin [Precursor]; Lactadherin; Medin; MFG E8; MFG-E8; MFGE8; 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.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Rabbit,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	5.5/20/40kDa
<b>Cellular localization:</b>	The cell membraneSecretory protein
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human MFGE8/BA46:201-300/387
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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. Medin is the main constituent of aortic medial amyloid.

**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.

**Subcellular Location:**

Membrane. Secreted.

**Tissue Specificity:**

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

**Post-translational modifications:**

Medin has a ragged N-terminus with minor species starting at Pro-264 and Gly-273.

**Similarity:**

Contains 1 EGF-like domain.  
Contains 2 F5/8 type C domains.

**SWISS:**

Q08431

**Gene ID:**

4240

**Database links:**

[Entrez Gene: 4240](#) Human

[Entrez Gene: 17304](#) Mouse

[Entrez Gene: 25277](#) Rat

[Omim: 602281](#) Human

[SwissProt: Q08431](#) Human

[SwissProt: P21956](#) Mouse

[SwissProt: P70490](#) Rat

[Unigene: 3745](#) Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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