

Rabbit anti-Human Milk Fat Globule 1 Polyclonal Antibody | anti-MFGE8 antibody

Anti-Human Milk Fat Globule 1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45398	Rabbit	Human	Immunohistochemistry, Western Blot

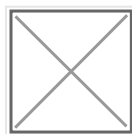
PRODUCT SYNONYMS

Milk Fat Globule 1; Polyclonal Antibody; Anti-Human Milk Fat Globule 1 antibody; Lactadherin; milk fat globule-EGF factor 8 protein; BA 46 antibody; BA46 antibody; Breast epithelial antigen BA46 antibody; Contains Medin antibody; EDIL 1 antibody; EDIL1 antibody; HMFG antibody; hP47 antibody; HsT19888 antibody; Lactadherin antibody; Lactadherin precursor antibody; Medin antibody; MFG E8 antibody; MFG-E8 antibody; MFGE 8 antibody; MFGE8 antibody; MFGE8 protein antibody; MFGM antibody; MFGM_HUMAN antibody; Milk fat globule EGF factor 8 antibody; Milk fat globule EGF factor 8 protein antibody; Milk fat globule-EGF factor 8 antibody; O acetyl disialoganglioside synthase antibody; OAcGD3S antibody; SED1 antibody; SPAG10 antibody; Sperm associated antigen 10 antibody; Sperm surface protein hP47 antibody; anti-MFGE8 antibody

PRODUCT SPECIFICATIONS

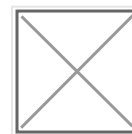
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	387
Applicable Applications for anti-MFGE8 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human Human Milk Fat Globule 1 (165-180aa NGHEFDFIHVDVNNKKHK).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti-Human Milk Fat Globule 1 antibody, AAA45398, IHC(P)IHC(P): Human Mammary Cancer Tissue



WB (Western Blot)

Anti-Human Milk Fat Globule 1 antibody, AAA45398, Western blottingRecombinant Protein Detection Source: E.coli derived -recombinant human MEGF8, 50.2KD(162aa tag+ S28-A317)Lane 1: Recombinant Human MEGF8 Protein 10ngLane 2: Recombinant Human MEGF8 Protein 5ngLane 3: Recombinant Human MEGF8 Protein 2.5ngLane 4: Recombinant Human MEGF8 Protein 1.25ng

ADDITIONAL INFORMATION

Related Product Information for anti-MFGE8 antibody	Description: Rabbit IgG polyclonal antibody for Lactadherin(MFGE8) detection. Tested with WB, IHC-P in Human. Background: MFGE8(Milk Fat Globule-Egf Factor 8), also called as Lactadherin or SED1, is a protein which in humans is encoded by the MFGE8 gene. Mfge8 is secreted protein found in vertebrates, including mammals as well as birds. By fluorescence in situ hybridization, Collins et al.(1997) mapped the MFGE8 gene to chromosome 15q25. Hanayama et al.(2002) found that MFGE8 is a factor that links apoptotic cells to phagocytes. MFGE8 specifically bound to apoptotic cells by recognizing aminophospholipids such as phosphatidylserine. MFGE8, when engaged by phospholipids, bound to cells via its RGD motif. It bound particularly strongly to cells expressing alpha-V-beta-3 integrin. Bu et al.(2007) showed that Mfge8 was expressed in intestinal lamina propria macrophages in mice. Using a wound-healing assay, they showed that Mfge8 promoted migration of intestinal epithelial cells through a PKC-epsilon(PRKCE)-dependent mechanism.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2506380
NCBI GeneID	4240
UniProt Accession #	Q08431; Q53FU9; Q7Z3D2; Q9BTL9; B2R6M7
Molecular Weight	37,523 Da
NCBI Official Full Name	Lactadherin
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; medin; sperm surface protein hP47; sperm associated antigen 10; breast epithelial antigen BA46; O-acetyl disialoganglioside synthase
UniProt Protein Name	Lactadherin
UniProt Gene Name	MFGE8
UniProt Synonym Gene Names	MFG-E8
UniProt Entry Name	MFGM_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/milk-fat-globule-1-antibody-immunohistochemistry-western-blot-elisa/45398>