

Anti-Lactadherin/MFGE8 Antibody (Monoclonal, 33M26)

Catalog Number: M02518-2

About MFGE8

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.

Overview

Product Name	Anti-Lactadherin/MFGE8 Antibody (Monoclonal, 33M26)
Reactive Species	Human
Description	Boster Bio Anti-Lactadherin/MFGE8 Antibody (Monoclonal, 33M26) catalog # M02518-2. Tested in WB applications. This antibody reacts with Human.
Application	WB
Clonality	Monoclonal 33M26
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q08431

Technical Details

Immunogen	Recombinant protein within human MFGE8 aa 3-385.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.

Suggested Dilutions

Western blot, 1:500-2000

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