MFGE8 Polyclonal Antibody

Catalog No: #29100

Package Size: #29100-1 50ul #29100-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

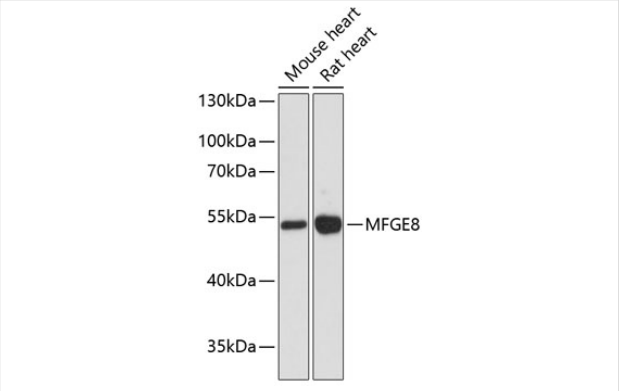
Description

Product Name	MFGE8 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human;Mouse;Rat
Immunogen Description	Recombinant fusion protein of human MFGE8 (NP_001108086.1).
Conjugates	Unconjugated
Other Names	MFGE8;BA46;EDIL1;HMFG;HsT19888;MFG-E8;MFGM;OAcGD3S;SED1;SPAG10;hP47
Accession No.	GeneID:4240Swiss Prot:Q08431
Calculated MW	35kDa/37kDa/43kDa
SDS-PAGE MW	54kDa
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 209% glycerol.
Storage	Store at -20°C. Avoid freeze / thaw cycles.|Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.162.

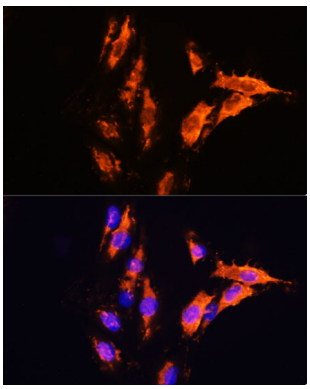
Application Details

WB□1:500 - 1:2000IHC□1:100 - 1:200IF□1:50 - 1:200

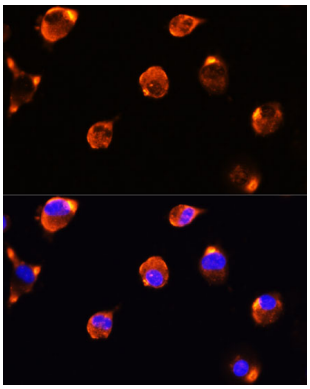
Images



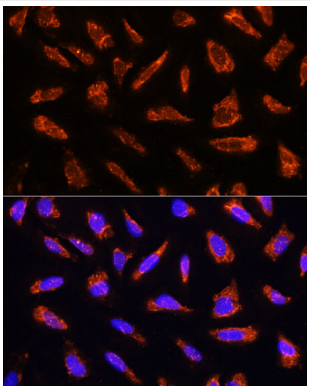
Western blot analysis of extracts of various cell lines, using MFGE8 antibody at 1:3000 dilution.



Immunofluorescence analysis of C6 cells using MFGE8 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using MFGE8 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using MFGE8 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Background

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.

Published Papers

el at., Quantitative proteomic analysis of scleras in guinea pig exposed to wavelength defocus. In J Proteomics on 2021 Jul 15 by Yingying Wen, Le Jin, et al..PMID:33964483, , (2021)

PMID:33964483

Note: This product is for in vitro research use only and is not intended for use in humans or animals.