

For Research Use Only

MFG-E8 Polyclonal antibody

Catalog Number: 25951-1-AP **1 Publications**



Basic Information

Catalog Number: 25951-1-AP	GenBank Accession Number: BC003610	Purification Method: Protein A purification
Size: 150ul , Concentration: 280 µg/ml by Nanodrop;	GeneID (NCBI): 4240	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: milk fat globule-EGF factor 8 protein	
Isotype: IgG	Calculated MW: 43 kDa	
Immunogen Catalog Number: AG13621	Observed MW: 51 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Jurkat cells, human placenta tissue
Cited Applications: IHC	
Species Specificity: human	
Cited Species: human	

Background Information

Milk fat globule-epidermal growth factor-factor 8 (MFG-E8), also known as lactadherin, is a multifunctional secreted glycoprotein exhibiting versatile functions in cell physiology affecting health and diseases. It plays roles in clearance of apoptotic cells, anti-inflammatory, wound healing, arterial remodeling, angiogenesis, enhancing tumorigenicity and cancer metastasis (PMID: 23972256). MFG-E8 consists of two-repeated EGF-like domains, a mucin-like domain and two-repeated discoidin-like domains (C-domains), and contains an integrin-binding motif (RGD sequence) in the EGF-like domain (PMID: 11856354). It shows ubiquitous pattern of expression in various types of cells and tissues. Altered expression of MFG-E8 causes disruptions of homeostasis and is correlated with a number of diseases (PMID: 27429513).

Notable Publications

Author	Pubmed ID	Journal	Application
Yang Li	38192793	Heliyon	IHC

Storage

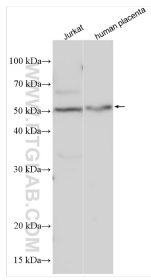
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25951-1-AP (MFG-E8 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.