

For Research Use Only

# MFG-E8 Polyclonal antibody

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



## Basic Information

<b>Catalog Number:</b> 25951-1-AP	<b>GenBank Accession Number:</b> BC003610	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 280 µg/ml	<b>GeneID (NCBI):</b> 4240	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q08431	
<b>Isotype:</b> IgG	<b>Full Name:</b> milk fat globule-EGF factor 8 protein	
<b>Immunogen Catalog Number:</b> AG13621	<b>Calculated MW:</b> 43 kDa	
	<b>Observed MW:</b> 51 kDa	

## Applications

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

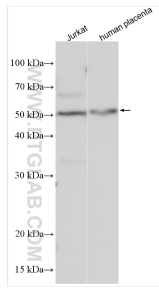
## Storage

**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

For technical support and original validation data for this product please contact:  
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.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.