

For Research Use Only

ECM1 Recombinant antibody

Catalog Number: 83067-6-RR



Basic Information

Catalog Number: 83067-6-RR	GenBank Accession Number: BC023505	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1893	CloneNo.: 230321F12
Source: Rabbit	UNIPROT ID: Q16610	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: extracellular matrix protein 1	
	Calculated MW: 540 aa, 61 kDa	
	Observed MW: 60-80 kDa	

Applications

Tested Applications: WB, FC, ELISA	Positive Controls: WB : A375 cells, A431 cells, L02 cells
Species Specificity: Human	

Background Information

ECM1 (extracellular matrix protein 1), also known as URBWD. It is located in secreted, extracellular space, and extracellular matrix, which is mainly expressed in esophagus and gall bladder. The gene encodes a soluble protein that is involved in endochondral bone formation, angiogenesis, and tumor biology. It also interacts with a variety of extracellular and structural proteins, contributing to the maintenance of skin integrity and homeostasis. Mutations in this gene are associated with lipoid proteinosis disorder (also known as hyalinosis cutis et mucosae or Urbach-Wiethe disease) that is characterized by generalized thickening of skin, mucosae and certain viscera. The calculated molecular weight of ECM1 is 60 kDa, and this antibody can recognize the 63 kDa isoform of target, moreover, this protein may have glycosylation modification.

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

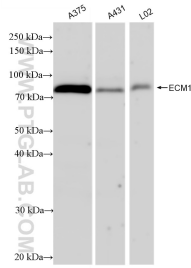
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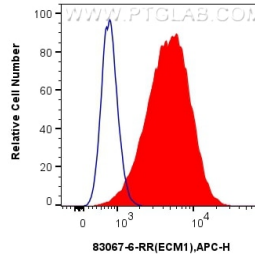
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83067-6-RR (ECM1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



1×10^6 A375 cells were intracellularly stained with 0.25 μ g Anti-Human ECM1 (83067-6-RR, Clone:230321F12) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 μ g Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).