

For Research Use Only

FAM134A Recombinant antibody

Catalog Number: 85791-4-RR



Basic Information

Catalog Number: 85791-4-RR	GenBank Accession Number: BC002420	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 79137	CloneNo.: 250097C7
Source: Rabbit	UNIPROT ID: Q8NC44	Recommended Dilutions: WB: 1:1000-1:8000 IHC: 1:200-1:800
Isotype: IgG	Full Name: family with sequence similarity 134, member A	
Immunogen Catalog Number: AG20025	Calculated MW: 543 aa, 58 kDa	
	Observed MW: 70-80 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : K-562 cells, HEK-293 cells, U2OS cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : mouse testis tissue,

Background Information

The protein family with sequence similarity 134 (FAM134) consists of three proteins, FAM134B, FAM134A, and FAM134C, which share the same LIR amino acid sequence. FAM134 reticulon family proteins (FAM134A, FAM134B, and FAM134C) are ER-phagy receptors with structural similarities and nonredundant functions. The protein family with sequence similarity 134 (FAM134). Fam134A (also known as metastasis-associated genes 2, MAG-2) is widely expressed in various types of tissues including tumors, and is considered to be closely correlated with tumor proliferation, invasion, and metastasis.

Storage

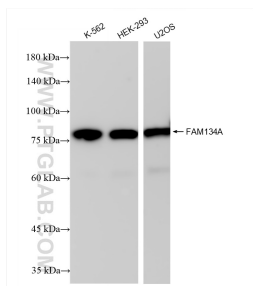
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

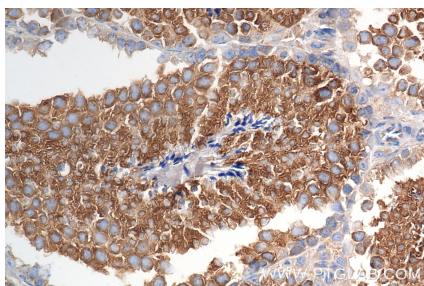
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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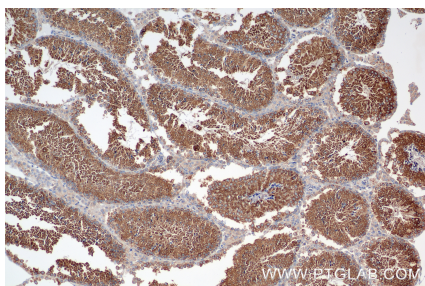
Selected Validation Data



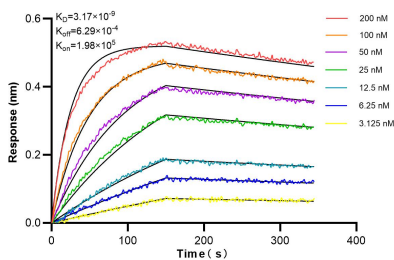
Various lysates were subjected to SDS PAGE followed by western blot with 85791-4-RR (FAM134A antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 85791-4-RR (FAM134A antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 85791-4-RR (FAM134A antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 85791-4-RR against Human FAM134A were performed. The affinity constant is 3.17 nM.