

For Research Use Only

FAM72A Recombinant monoclonal antibody, PBS Only

Catalog Number: 87597-1-PBS



Basic Information

Catalog Number: 87597-1-PBS	GenBank Accession Number: BC035696	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 729533	CloneNo.: 252899H6
Source: Rabbit	UNIPROT ID: Q5TYM5	
Isotype: IgG	Full Name: family with sequence similarity 72, member A	
Immunogen Catalog Number: AG15566	Calculated MW: 149 aa, 17 kDa	
	Observed MW: 17 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

FAM72A, also named as LMIP and UGENE, is a mitochondrial protein which regulates cellular reactive oxygen species metabolism. It's up-regulated in malignant colon cancers, compared to normal colon and colon adenomas. FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAM72.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

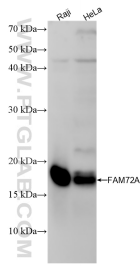
For technical support and original validation data for this product please contact:

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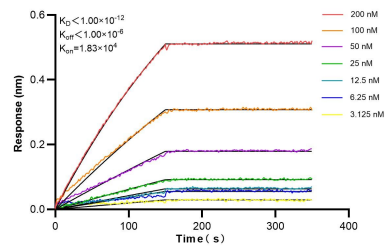
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87597-1-RR (FAM72A antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87597-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 87597-1-RR against Human FAM72A were performed. The affinity constant is below 1 pM.