

For Research Use Only

FAM72A Recombinant monoclonal antibody

Catalog Number: 87597-1-RR



Basic Information

| | | |
|--|---|---|
| Catalog Number: 87597-1-RR | GenBank Accession Number: BC035696 | Purification Method: Protein A purification |
| Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 729533 | CloneNo.: 252899H6 |
| Source: Rabbit | UNIPROT ID: Q5TYM5 | Recommended Dilutions: WB: 1:500-1:2000 |
| 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, ELISA | Positive Controls: WB : Raji cells, HeLa cells |
| 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 -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

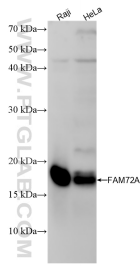
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

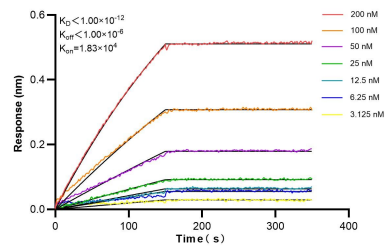
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.



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