

For Research Use Only

# FAM72A Recombinant monoclonal antibody

Catalog Number: 87597-1-RR



## Basic Information

Catalog Number:

87597-1-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15566

GenBank Accession Number:

BC035696

GeneID (NCBI):

729533

UNIPROT ID:

Q5TYM5

Full Name:

family with sequence similarity 72, member A

Calculated MW:

149 aa, 17 kDa

Observed MW:

17 kDa

Purification Method:

Protein A purification

CloneNo.:

252899H6

Recommended Dilutions:

WB: 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB: Raji cells, HeLa cells

## 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

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

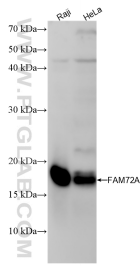
T: 4006900926

E: Proteintech-CN@ptglab.com

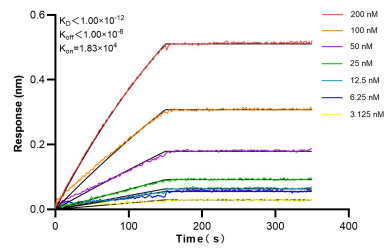
W: ptgcn.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 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.