

For Research Use Only

# FAM72A Recombinant monoclonal antibody, PBS Only

Catalog Number:87597-1-PBS



## Basic Information

Catalog Number:

87597-1-PBS

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

## 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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

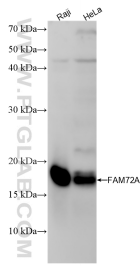
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

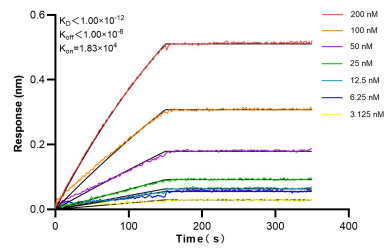
W: [ptgcn.com](http://ptgcn.com)

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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. 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.