

PGAM5 Rabbit mAb

Catalog No.: A22203

Recombinant

2 Publications

Basic Information

Observed MW

28kDa/32kDa

Calculated MW

32kDa/28kDa

Category

Primary antibody

Applications

WB, IHC-P, IF/ICC, ELISA

Cross-Reactivity

Human

CloneNo number

ARC53895

Background

Enables GTPase activator activity and protein serine/threonine phosphatase activity. Involved in necroptotic process. Located in mitochondrion.

Recommended Dilutions

WB 1:20000 - 1:80000

IHC-P 1:100 - 1:500

IF/ICC 1:300 - 1:1200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

192111

Swiss Prot

Q96HS1

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

BXLBV68; PGAM5

Contact

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🌐 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

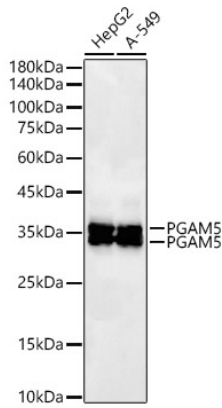
Affinity purification

Storage

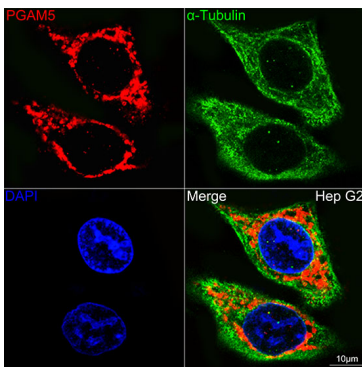
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

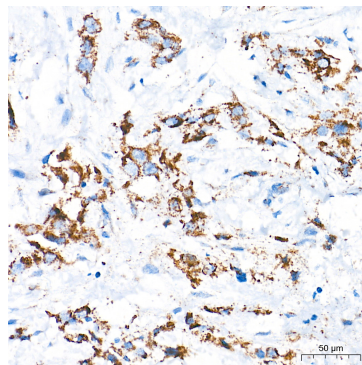
Validation Data



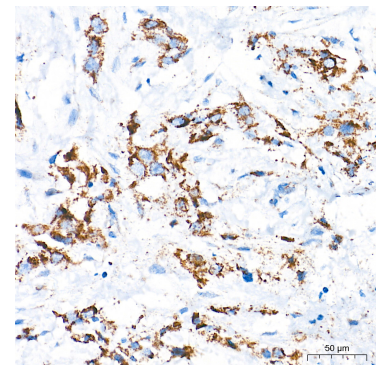
Western blot analysis of various lysates, using PGAM5 Rabbit mAb (A22203) at 1:20000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



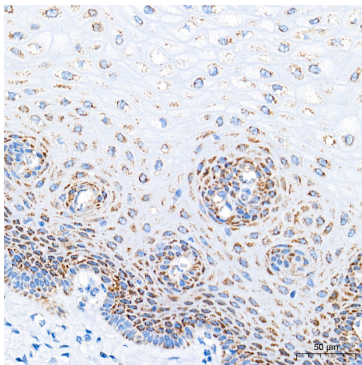
Confocal imaging of Hep G2 cells using PGAM5 Rabbit mAb (A22203, dilution 1:300) (Red). The cells were counterstained with α -Tubulin Mouse mAb (AC012, dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 60x.



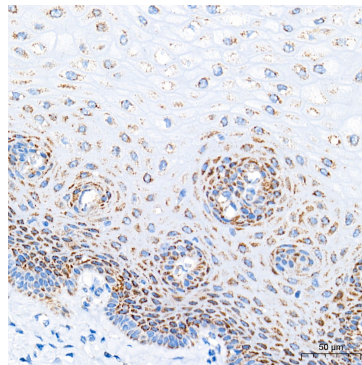
Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using PGAM5 Rabbit mAb (A22203) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



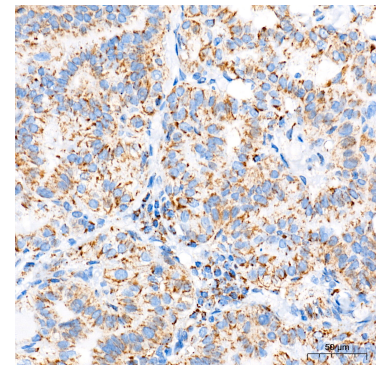
Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using PGAM5 Rabbit mAb (A22203) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human esophagus tissue using PGAM5 Rabbit mAb (A22203) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

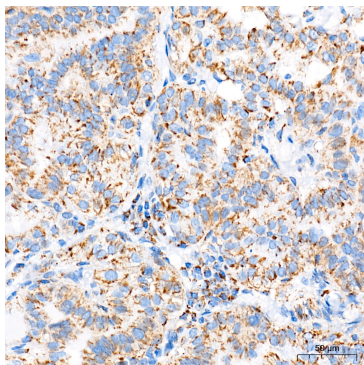


Immunohistochemistry analysis of paraffin-embedded Human esophagus tissue using PGAM5 Rabbit mAb (A22203) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer tissue using PGAM5 Rabbit mAb (A22203) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer tissue using PGAM5 Rabbit mAb (A22203) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.