

PGAM5 Rabbit mAb

Catalog No.: A22203 **Recombinant**

Basic Information

Observed MW

28kDa/32kDa

Calculated MW

32kDa/28kDa

Category

Primary antibody

Applications

WB, IHC-P, IF/ICC, ELISA

Cross-Reactivity

Human, Mouse, Rat

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 fusion protein containing a sequence corresponding to amino acids 50-146 of human PGAM5 (NP_001164014.1).

Synonyms

BXLBV68; PGAM5

Contact

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🌐 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

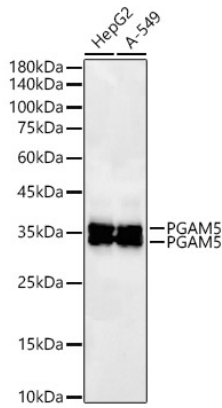
Affinity purification

Storage

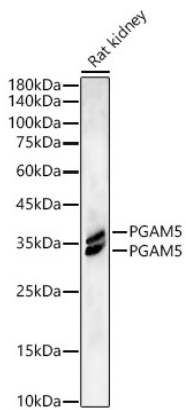
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

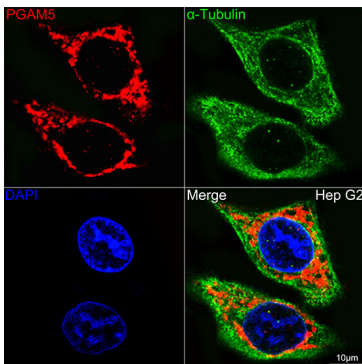
Validation Data



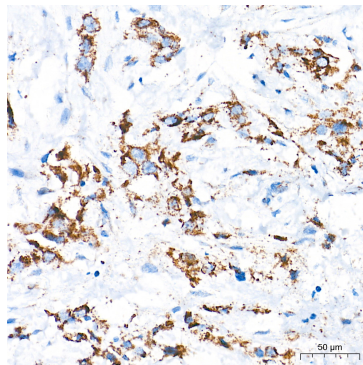
Western blot analysis of various lysates, using PGAM5 Rabbit mAb (A22203) at 1:20000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure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



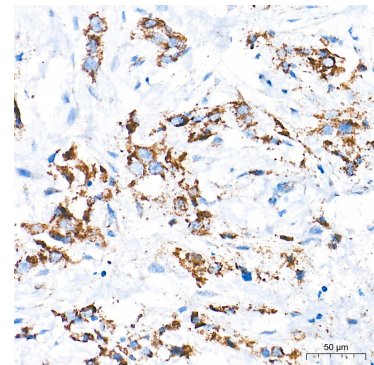
Western blot analysis of lysates from Rat kidney, using PGAM5 Rabbit mAb (A22203) at 1:20000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020).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

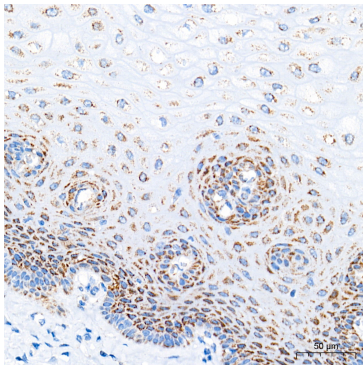


Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using PGAM5 Rabbit mAb (A22203) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

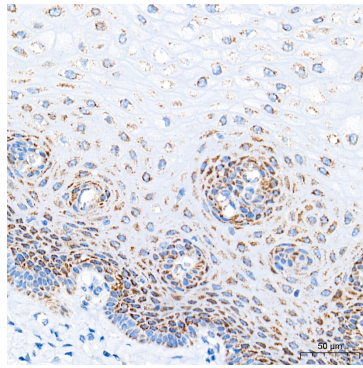


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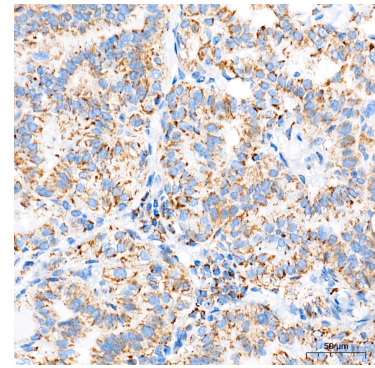
Validation Data



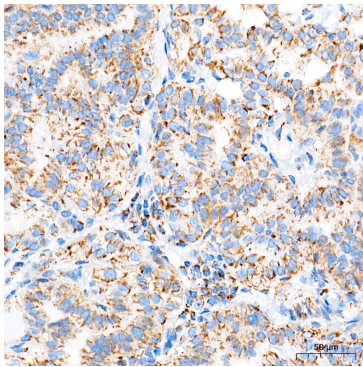
Immunohistochemistry analysis of paraffin-embedded Human esophagus tissue using PGAM5 Rabbit mAb (A22203) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



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.



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.