

A5194

Leader in Biomolecular Solutions for Life Science



P23/PTGES3 Rabbit mAb

Catalog No.: A5194

Recombinant

2 Publications

Basic Information

Observed MW

23kDa

Calculated MW

19kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse,Rat

CloneNo number

ARC1986

Background

This gene encodes an enzyme that converts prostaglandin endoperoxide H2 (PGH2) to prostaglandin E2 (PGE2). This protein functions as a co-chaperone with heat shock protein 90 (HSP90), localizing to response elements in DNA and disrupting transcriptional activation complexes. Alternative splicing results in multiple transcript variants. There are multiple pseudogenes of this gene on several different chromosomes.

Recommended Dilutions

WB 1:1000 - 1:5000

IF/ICC 1:50 - 1:200

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

Immunogen Information

Gene ID
10728

Swiss Prot
Q15185

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

P23; TEBP; cPGES; P23/PTGES3

Contact

 www.abclonal.com

Product Information

Source
Rabbit

Isotype
IgG

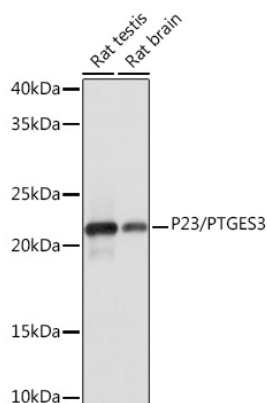
Purification
Affinity purification

Storage

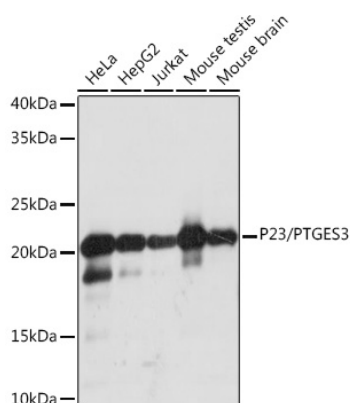
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

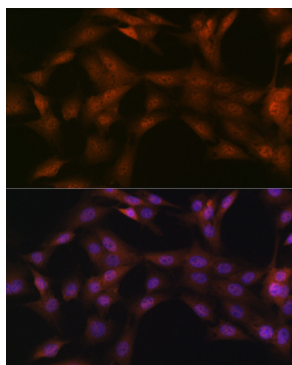
Validation Data



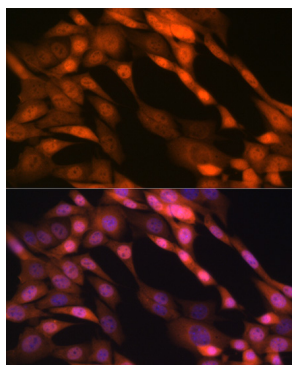
Western blot analysis of various lysates using P23/PTGES3 Rabbit mAb (A5194) at 1:1000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 3s.



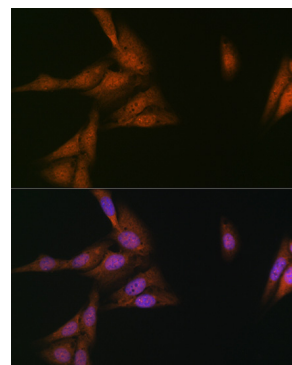
Western blot analysis of various lysates using P23/PTGES3 Rabbit mAb (A5194) at 1:1000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 3s.



Immunofluorescence analysis of C6 cells using P23/PTGES3 Rabbit mAb (A5194) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using P23/PTGES3 Rabbit mAb (A5194) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using P23/PTGES3 Rabbit mAb (A5194) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.