

A0989

Leader in Biomolecular Solutions for Life Science



Grp94 Rabbit pAb

Catalog No.: A0989

6 Publications

Basic Information

Observed MW

110kDa

Calculated MW

92kDa

Category

Polyclonal Antibody

Applications

WB,IHC-P,IF/ICC,ELISA,IF-P

Cross-Reactivity

Human,Mouse,Rat

Background

This gene encodes a member of a family of adenosine triphosphate(ATP)-metabolizing molecular chaperones with roles in stabilizing and folding other proteins. The encoded protein is localized to melanosomes and the endoplasmic reticulum. Expression of this protein is associated with a variety of pathogenic states, including tumor formation. There is a microRNA gene located within the 5' exon of this gene. There are pseudogenes for this gene on chromosomes 1 and 15.

Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:100
IF-P	1:50 - 1:100
IHC-P	1:50 - 1:100
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Contact



www.abclonal.com

Immunogen Information

Gene ID

7184

Swiss Prot

P14625

Immunogen

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

Synonyms

ECGP; GP96; TRA1; GRP94; HEL35; HEL-S-125m; Grp94

Product Information

Source

Rabbit

Isotype

IgG

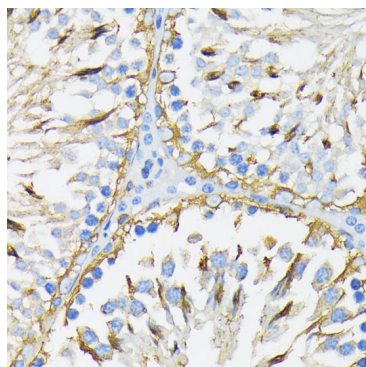
Purification

Affinity purification

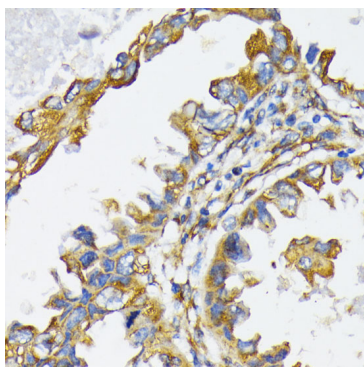
Storage

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

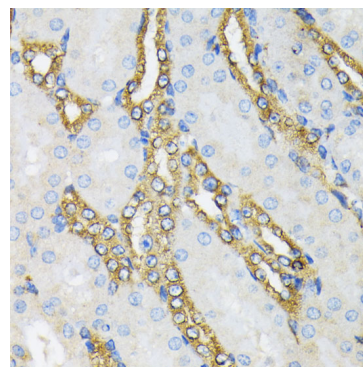
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



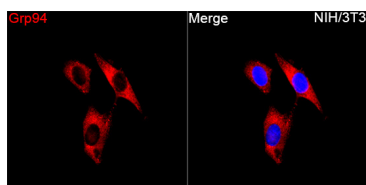
Immunohistochemistry analysis of paraffin-embedded Rat testis using Grp94 Rabbit pAb (A0989) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



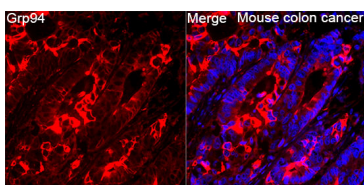
Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Grp94 Rabbit pAb (A0989) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney using Grp94 Rabbit pAb (A0989) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of NIH/3T3 cells using Grp94 Rabbit pAb (A0989) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded Mouse colon cancer tissue using Grp94 Rabbit pAb (A0989) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.