

## Anti-GRP94 Rabbit pAb



WL04446

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

|                              |                                                      |
|------------------------------|------------------------------------------------------|
| <b>Product name</b>          | Anti-GRP94 Rabbit pAb                                |
| <b>Source</b>                | Rabbit                                               |
| <b>Species reactivity</b>    | Human, Mouse, Rat, Pig                               |
| <b>Tested applications</b>   | WB 1:500-1:1000<br>IHC 1:100-1:400<br>IF 1:100-1:400 |
| <b>Cellular localization</b> | Endoplasmic reticulum lumen. Melanosome              |

**Pack size** 50/100/200/500/1000μl**Storage** Store at -20°C. **Avoid freeze/thaw cycles.**

**Storage buffer** Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide

## General Information

**Background** Heat shock protein (HSP) molecular chaperones are environmental stressinducible gene products, HSP90B1 (GP96 or GRP94) is an endoplasmic reticulum paralogue of the cytosolic HSP90. As a major ER chaperone to mediate the UPR and a master chaperone for Toll-like receptors (TLRs), HSP90b1 chaperones peptides to MHC class I molecules of dendritic cells and other antigen-presenting cells, as well as facilitating the assembly of immunoglobulin.

**Immunogen** Polyclonal antibody is produced by immunizing animals with a synthetic peptide of GRP94.

**Purification** Polyclonal antibody was purified by immunogen affinity chromatography.

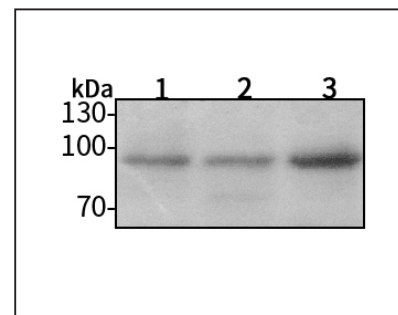
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## Product Images



## Western blot-Anti-GRP94 pAb

Lane 1: Human HEK-293 cell lysate

Lane 2: Human A549 cell lysate

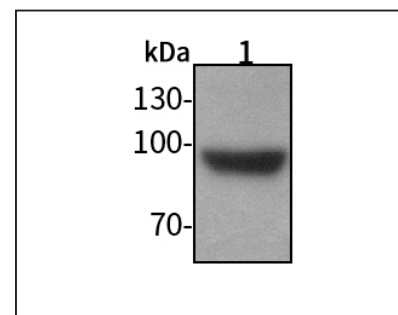
Lane 3: Human HUVEC cell lysate

All lanes: Anti-GRP94 at 1:1000 dilution

Lysates/proteins at 20-50 μg per lane.

Predicted band size: 92 kDa

Observed band size: 94 kDa



## Western blot-Anti-GRP94 pAb

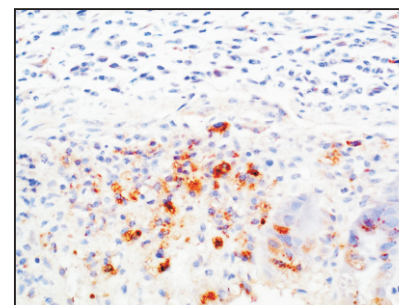
Lane 1: Mouse liver tissue lysate

All lanes: Anti-GRP94 at 1:1000 dilution

Lysates/proteins at 20-50 μg per lane.

Predicted band size: 92 kDa

Observed band size: 94 kDa



## Immunohistochemistry-Anti-GRP94 pAb

Immunohistochemical analysis of paraffin-embedded mouse colon using anti-GRP94 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

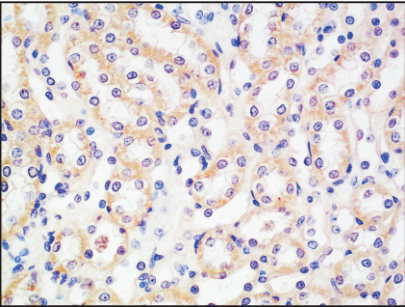
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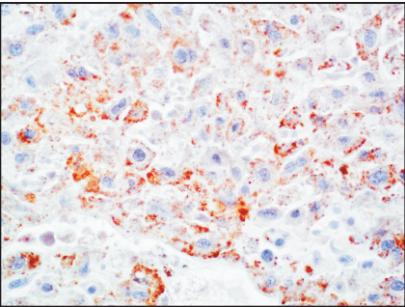
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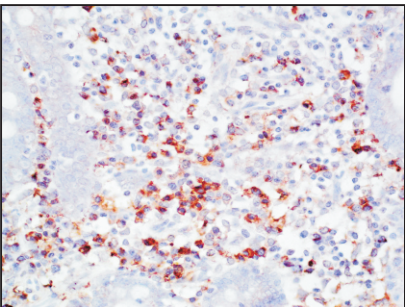
Product Information



**Immunohistochemistry-Anti-GRP94 pAb**  
Immunohistochemical analysis of paraffin-embedded rat kidney using anti-GRP94 Rabbit Antibody at 1:200 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



**Immunohistochemistry-Anti-GRP94 pAb**  
Immunohistochemical analysis of paraffin-embedded rat placenta using anti-GRP94 Rabbit Antibody at 1:200 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



**Immunohistochemistry-Anti-GRP94 pAb**  
Immunohistochemical analysis of paraffin-embedded pig colon tissue using anti-GRP94 Rabbit Antibody at 1:200 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

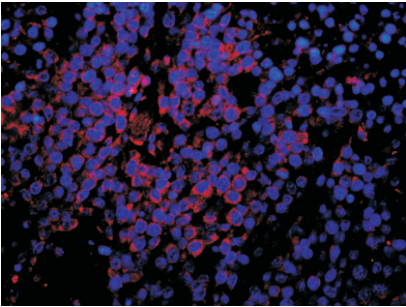
Anti-GRP94 Rabbit pAb



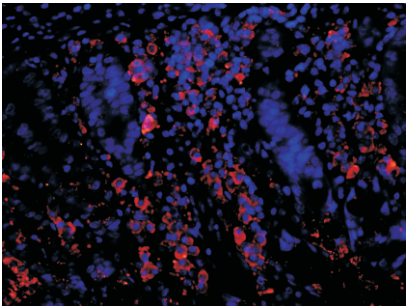
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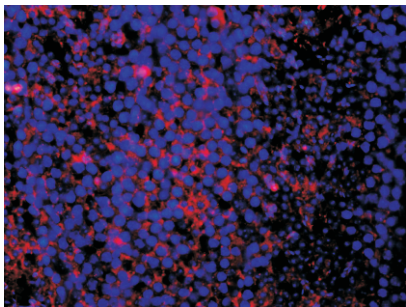
Product Images



**Immunofluorescence-Anti-GRP94 pAb**  
Immunofluorescence analysis of paraffin-embedded human BGC-823 cell tumorigenic tissue using anti GRP94 Rabbit Antibody at 1:200 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



**Immunofluorescence-Anti-GRP94 pAb**  
Immunofluorescence analysis of paraffin-embedded mouse colon using anti GRP94 Rabbit Antibody at 1:200 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



**Immunofluorescence-Anti-GRP94 pAb**  
Immunofluorescence analysis of paraffin-embedded mouse testicle using anti GRP94 Rabbit Antibody at 1:200 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

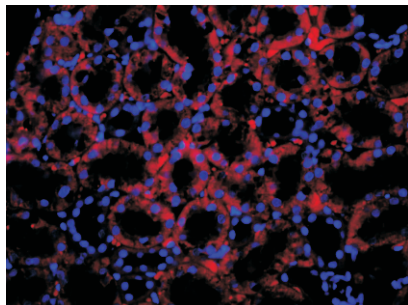
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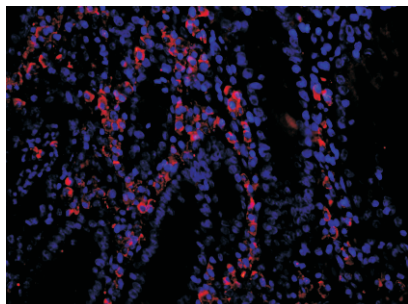
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#### Immunofluorescence-Anti-GRP94 pAb

Immunofluorescence analysis of paraffin-embedded mouse kidney using anti GRP94 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



#### Immunofluorescence-Anti-GRP94 pAb

Immunofluorescence analysis of paraffin-embedded pig colon tissue using anti GRP94 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0