

## Rabbit anti-Human GRP94 Polyclonal Antibody | anti-GRP94 antibody

GRP94 Polyclonal Antibody

|                              |                       |                            |                                     |
|------------------------------|-----------------------|----------------------------|-------------------------------------|
| CATALOG #<br><b>AAA78224</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Western Blot</b> |
|------------------------------|-----------------------|----------------------------|-------------------------------------|

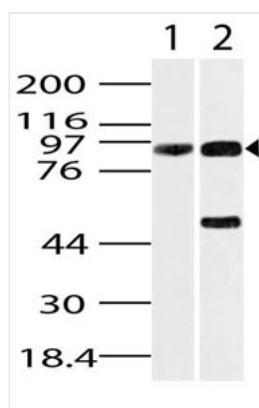
### PRODUCT SYNONYMS

GRP94; Polyclonal Antibody; GRP94 Polyclonal Antibody; anti-GRP94 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                       |
| Reactivity                                      | Human                                                                                                                                                                        |
| Clonality                                       | Polyclonal                                                                                                                                                                   |
| Isotype                                         | IgG                                                                                                                                                                          |
| Purity/Purification                             | Protein A Chromatography                                                                                                                                                     |
| Form/Format                                     | Purified; 25 ug in 50 ul/100 ug in 200 ul PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.                                                     |
| Sequence Length                                 | 803                                                                                                                                                                          |
| Applicable Applications for anti-GRP94 antibody | WB (Western Blot)                                                                                                                                                            |
| Immunogen                                       | A partial recombinant GRP94 protein (amino acids 420-700) was used as the immunogen for this antibody.                                                                       |
| Preparation and Storage                         | Store antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles. Expire 1 year from date of purchase. |

### IMAGES



#### WB (Western Blot)

Western blot analysis of GRP94. Anti-GRP94 antibody (AAA78224) was used at 2 ug/ml on 1) HepG2, 2) Raji lysates.

ADDITIONAL INFORMATION

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| Related Product Information for anti-GRP94 antibody | GRP94 (94 kDa glucose-regulated protein) is a 92 kDa protein belonging to the heat shock protein 90 family of molecular chaperones. GRP94 is mainly involved in protein folding, stabilization and refolding of denatured proteins. GRP94 has also been reported to trigger CTL expansion and maturation of human monocytes-derived dendritic cells (MDDC). GRP94 is also involved in inducing tumor and is used as a potential marker in breast cancer. GRP94 is localized in endoplasmic reticulum lumen and melanosome. GRP94 is highly expressed in melanoma or liver metastases of colon carcinoma cells and human gastric carcinoma. |
| Product Categories/Family for anti-GRP94 antibody   | Cancer Marker                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4507677                                                                                                                                                                                                                                                                                                                      |
| NCBI GeneID                      | 7184                                                                                                                                                                                                                                                                                                                         |
| NCBI Accession #                 | NP_003290.1                                                                                                                                                                                                                                                                                                                  |
| NCBI GenBank Nucleotide #        | NM_003299.2                                                                                                                                                                                                                                                                                                                  |
| UniProt Accession #              | P14625; Q96A97                                                                                                                                                                                                                                                                                                               |
| NCBI Official Full Name          | endoplasmin                                                                                                                                                                                                                                                                                                                  |
| NCBI Official Synonym Full Names | heat shock protein 90kDa beta (Grp94), member 1                                                                                                                                                                                                                                                                              |
| NCBI Official Symbol             | HSP90B1                                                                                                                                                                                                                                                                                                                      |
| NCBI Official Synonym Symbols    | ECGP; GP96; TRA1; GRP94; HEL35; HEL-S-125m                                                                                                                                                                                                                                                                                   |
| NCBI Protein Information         | endoplasmin; 94 kDa glucose-regulated protein; endothelial cell (HBMEC) glycoprotein; epididymis luminal protein 35; epididymis secretory sperm binding protein Li 125m; heat shock protein 90 kDa beta member 1; stress-inducible tumor rejection antigen gp96; tumor rejection antigen (gp96) 1; tumor rejection antigen 1 |
| UniProt Protein Name             | Endoplasmin                                                                                                                                                                                                                                                                                                                  |
| UniProt Gene Name                | HSP90B1                                                                                                                                                                                                                                                                                                                      |
| UniProt Synonym Gene Names       | GRP94; TRA1; GRP-94                                                                                                                                                                                                                                                                                                          |
| UniProt Entry Name               | ENPL_HUMAN                                                                                                                                                                                                                                                                                                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.