

## 11-7502: Polyclonal Antibody to GRP94

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	HSP90B1
<b>Gene ID :</b>	7184
<b>Uniprot ID :</b>	P14625
<b>Format :</b>	Purified
<b>Alternative Name :</b>	HSP90B1,GRP94,TRA1
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	A partial length recombinant GRP94 protein (amino acids 420-700) was used as the immunogen for this antibody.

### Description

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 Info

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein A Chromatography
<b>Content :</b>	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Western blot analysis: 2-4 µg/ml



Fig-1: Western blot analysis of GRP94. Anti-GRP94 antibody (11-7502) was used at 2 µg/ml on 1) HepG2, 2) Raji lysates.