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## 11-7502: Polyclonal Antibody to GRP94

**Clonality:** Polyclonal

Application: WB
Reactivity: Human
Gene: HSP90B1
Gene ID: 7184
Uniprot ID: P14625
Format: Purified

Alternative Name: HSP90B1,GRP94,TRA1

**Isotype:** Rabbit IgG

Immunogen Information: 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**

**Amount:** 25 μg / 100 μg

**Purification:** Protein A Chromatography

**Content:** 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.

**Storage condition :** 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

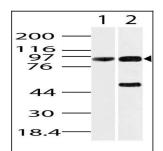


Fig-1: Western blot analysis of GRP94. Anti-GRP94 antibody (11-7502) was used at 2  $\mu$ g/ml on 1) HepG2, 2) Raji lysates.