# antibodies .- online.com





## Recombinant anti-GRP94 antibody

100 μg





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Quantity:

Target:	GRP94 (HSP90B1)	
Reactivity:	Human, Mouse, Rat, Cow, Chicken, Hamster, Dog, Rabbit, Pig, Guinea Pig, Monkey, Sheep,	
	Horse, Xenopus laevis	
Host:	Rabbit	
Antibody Type:	Recombinant Antibody	
Clonality:	Monoclonal	
Conjugate:	This GRP94 antibody is un-conjugated	
Application:	Immunohistochemistry (IHC), Flow Cytometry (FACS), Staining Methods (StM)	
Product Details		
Immunogen:	Recombinant full-length human HSP90B1 protein	
Immunogen: Clone:	Recombinant full-length human HSP90B1 protein  HSP90B1-3168R	
Clone:	HSP90B1-3168R	
Clone:	HSP90B1-3168R	
Clone:	HSP90B1-3168R  IgG  Recognizes a protein of 94 kDa, which is identified as the glucose-regulated protein 94 (grp94)	
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Clone:	HSP90B1-3168R  IgG  Recognizes a protein of 94 kDa, which is identified as the glucose-regulated protein 94 (grp94) and also tumor rejection antigen (gp96). Grp94 shows a high degree of sequence homology with the heat shock protein 90 (hsp90). This MAb is highly specific to grp94 and shows minimal cross-reaction with other members of the HSP90 family. Grp's are a class of proteins	

### **Target Details**

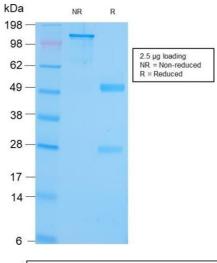
Target:	GRP94 (HSP90B1)	
Alternative Name:	HSP90B1 (HSP90B1 Products)	
Molecular Weight:	94kDa	
Gene ID:	7184	
UniProt:	P14625	
Pathways:	Thyroid Hormone Synthesis, Activation of Innate immune Response, ER-Nucleus Signaling, Toll- Like Receptors Cascades	

## Application Details

Application Notes:	Positive Control: HepG2, U20S cells. About 50 % of breast tumors express grp94 protein.
	Known Application: Flow Cytometry (0.5-1 µg/million cells),Immunohistochemistry (Formalin-
	fixed) (0.5-1.0 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling
	tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for
	20 minutes)Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

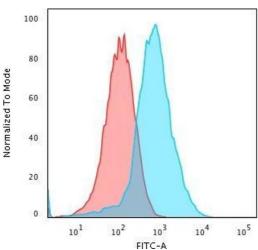
## Handling

Concentration:	200 μg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



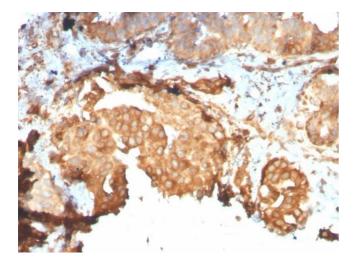
#### **SDS-PAGE**

**Image 1.** SDS-PAGE Analysis Purified GRP94 Recombinant Rabbit Monoclonal (HSP90B1/3168R). Confirmation of Purity and Integrity of Antibody.



#### **Flow Cytometry**

**Image 2.** Flow Cytometric Analysis of PFA-fixed HePG2 cells using GRP94 Recombinant Rabbit Monoclonal Antibody (HSP90B1/3168R) followed by Goat anti-Rat- IgG-CF488 (Blue); Isotype Control (Red).



#### **Immunohistochemistry**

**Image 3.** Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with GRP94 Recombinant Rabbit Monoclonal Antibody (HSP90B1/3168R).

Please check the product details page for more images. Overall 4 images are available for ABIN6940801.