

anti- GRP94 antibody

Product Information

Catalog No.:	FNab03663
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

HSP90 proteins are highly conserved molecular chaperones, which normally associate with other cochaperones and play important roles in folding newly synthesized proteins or stabilizing and refolding denatured proteins after stress. 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. The protein is also involved in many other bio-processes. This antibody was generated against the C-terminal region of full-length HSP90b1.

Immunogen information

Immunogen:	heat shock protein 90kDa beta(Grp94), member 1
Synonyms:	ECGP, Endoplasmin, GP96, gp96 homolog, GRP 94, GRP94, HSP90B1, TRA1, Tumor rejection antigen 1
Observed MW:	94 kDa
Uniprot ID :	P14625

Application

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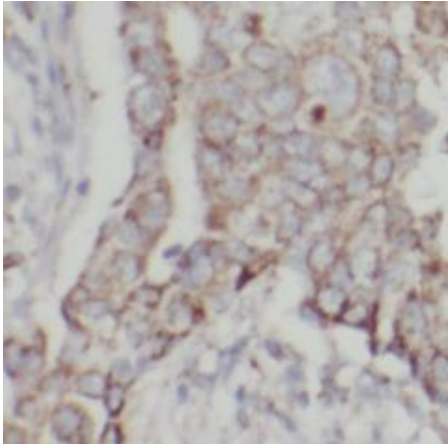
www.fn-test.com

Reactivity: Human, Mouse, Rat

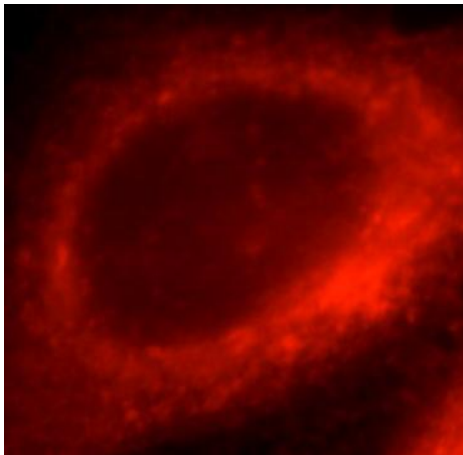
Tested Application: ELISA, WB, IHC, FC, IF, IP

Recommended dilution: WB: 1:1000-1:4000; IP: 1:500-1:2000; IHC: 1:20-1:200; IF: 1:20-1:200

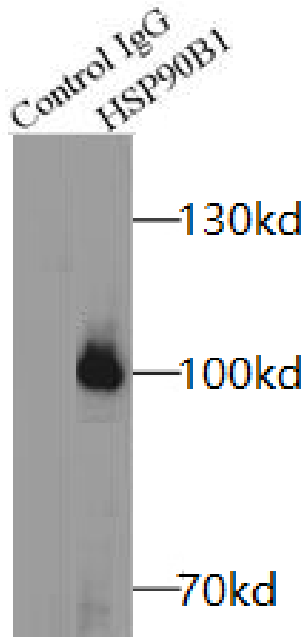
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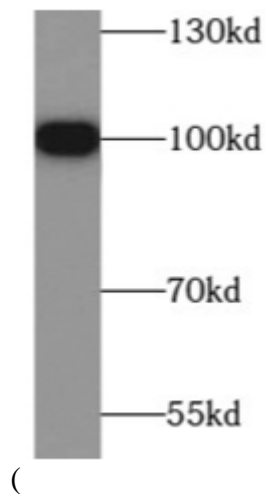
Immunohistochemistry of paraffin-embedded human breast cancer using FNab03663(HSP90B1 antibody) at dilution of 1:50



Immunofluorescent analysis of HepG2 cells, using HSP90B1 antibody FNab03663 at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-GRP94 (IP: FNab03663, 3ug;
Detection: FNab03663 1:1000) with mouse liver
tissue lysate 4000ug.



A549 cells were subjected to SDS PAGE followed
by western blot with FNab03663(HSP90B1
antibody) at dilution of 1:1000