

Product Datasheet

gp96/HSP90B1/GRP94 Antibody (HSP90B1/3168R) NBP3-07740-100ug

Unit Size: 100 ug

Store at 4C.

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NBP3-07740-100ug

gp96/HSP90B1/GRP94 Antibody (HSP90B1/3168R)

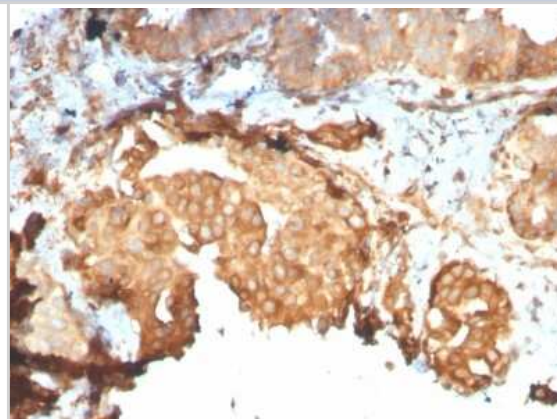
Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	HSP90B1/3168R
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	94 kDa

Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA at 1.0 mg/ml. (NBP3-08763) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Rabbit
Gene ID	7184
Gene Symbol	HSP90B1
Species	Human, Mouse, Rat, Porcine, Bovine, Canine, Chicken, Equine, Guinea Pig, Hamster, Monkey, Rabbit, Sheep, Xenopus
Marker	Endoplasmic Reticulum Marker
Specificity/Sensitivity	Recognizes a protein of 94kDa, 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 monoclonal antibody is highly specific to grp94 and shows minimal cross-reaction with other members of the HSP90 family. Grps are a class of proteins unresponsive to heat shock and are induced by glucose deprivation. Grp94 has been briefly studied as a prognostic factor in breast cancer.
Immunogen	Recombinant full-length human gp96/HSP90B1/GRP94 protein (Uniprot: P14625)

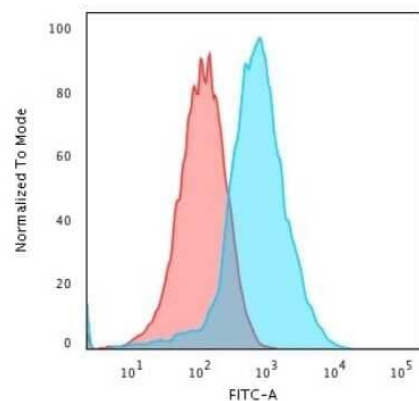
Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry-Paraffin
Recommended Dilutions	Flow Cytometry 1-2 ug/million cells, Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

Images

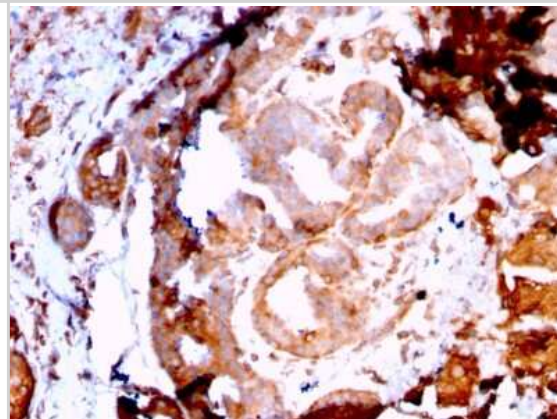
Immunohistochemistry-Paraffin: gp96/HSP90B1/GRP94 Antibody (HSP90B1/3168R) [NBP3-07740] - Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with gp96/HSP90B1/GRP94 Recombinant Rabbit Monoclonal Antibody (HSP90B1/3168R).



Flow Cytometry: gp96/HSP90B1/GRP94 Antibody (HSP90B1/3168R) [NBP3-07740] - Flow Cytometric Analysis of PFA-fixed HePG2 cells using gp96/HSP90B1/GRP94 Recombinant Rabbit Monoclonal Antibody (HSP90B1/3168R) followed by Goat anti-Rat- IgG-CF488 (Blue); Isotype Control (Red).



Immunohistochemistry-Paraffin: gp96/HSP90B1/GRP94 Antibody (HSP90B1/3168R) [NBP3-07740] - Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with gp96/HSP90B1/GRP94 Recombinant Rabbit Monoclonal Antibody (HSP90B1/3168R).





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Products Related to NBP3-07740-100ug

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-24698PEP	gp96/HSP90B1/GRP94 Antibody Blocking Peptide

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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