

# Product Datasheet

## gp96/HSP90B1/GRP94 Antibody (SPM249) [Allophycocyanin] NBP3-11500APC

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-11500APC**

gp96/HSP90B1/GRP94 Antibody (SPM249) [Allophycocyanin]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	SPM249
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2a Kappa
<b>Conjugate</b>	Allophycocyanin
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Host</b>	Rat
<b>Gene ID</b>	7184
<b>Gene Symbol</b>	HSP90B1
<b>Species</b>	Human, Mouse, Rat, Porcine, Bovine, Canine, Chicken, Equine, Guinea Pig, Hamster, Monkey, Rabbit, Sheep, Xenopus
<b>Marker</b>	Endoplasmic Reticulum Marker
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	Purified glucose regulated protein 94 (grp94) from chicken oviducts (Uniprot: P14625)
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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### **Products Related to NBP3-11500APC**

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NBP1-43005-0.05mg	Rat IgG2a Kappa Light Chain Isotype Control (R2a) [Allophycocyanin]
NBP2-24698PEP	gp96/HSP90B1/GRP94 Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]
NBP2-62146	gp96/HSP90B1/GRP94 ELISA Development Kit

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### **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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