

Product Datasheet

HSP90 Antibody (4F3.E8) - BSA Free NBP2-12878-200ug

Unit Size: 200 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-12878-200ug

HSP90 Antibody (4F3.E8) - BSA Free

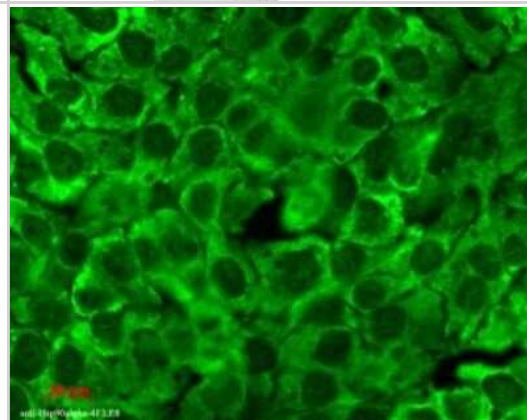
Product Information	
Unit Size	200 ug
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4F3.E8
Preservative	0.09% Sodium Azide
Isotype	IgG2a
Purity	Protein G purified
Buffer	PBS (pH 7.2), 50% Glycerol
Target Molecular Weight	90 kDa
Product Description	
Host	Mouse
Gene ID	3320
Gene Symbol	HSP90AA1
Species	Human, Mouse, Rat, Plant
Reactivity Notes	Immunogen displays sequence identity for non-tested species: Wheat (Triticum spp).
Specificity/Sensitivity	Detects approx 90kDa. This antibody detects both a and B forms of HSP90 equally well.
Immunogen	Recombinant Human HSP90 purified from E.coli
Product Application Details	
Applications	Western Blot, ELISA, Electron Microscopy, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000, ELISA, Immunohistochemistry 1:100, Immunocytochemistry/ Immunofluorescence 1:100, Immunoprecipitation, Immunohistochemistry-Paraffin 1:10-1:500, Electron Microscopy
Application Notes	0.5 ug/ml of HSP90 (total) Antibody was sufficient for detection of HSP90alpha in 20 ug of heat shocked HeLa cell lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary Antibody.

Images

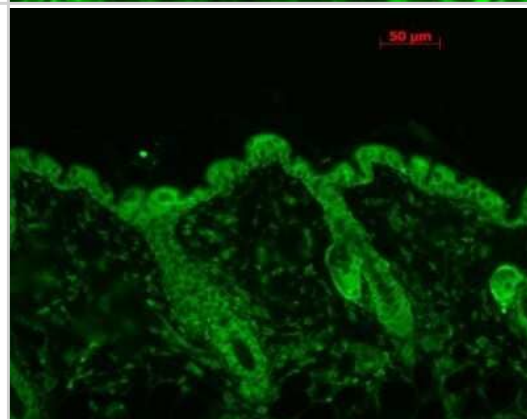
Western Blot: HSP90 Antibody (4F3.E8) [NBP2-12878] - Western Blot analysis of Rat tissue lysate showing detection of Hsp90 protein using Mouse Anti-Hsp90 Monoclonal Antibody, Clone 4F3.E8 (NBP2-12878). Load: 15 ug. Block: 1.5% BSA for 30 minutes at RT. Primary Antibody: Mouse Anti-Hsp90 Monoclonal Antibody (NBP2-12878) at 1:1000 for 2 hours at RT. Secondary Antibody: Sheep Anti-Mouse IgG: HRP for 1 hour at RT.



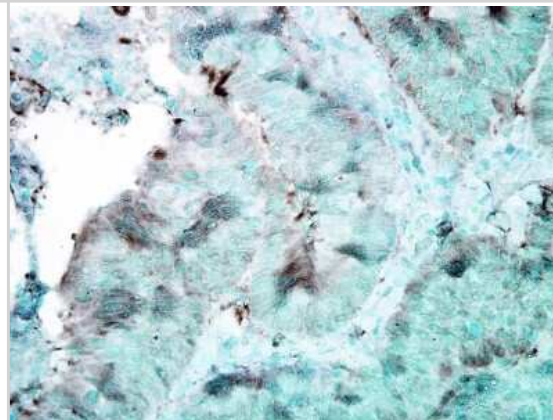
Immunocytochemistry/Immunofluorescence: HSP90 Antibody (4F3.E8) [NBP2-12878] - Tissue: HaCaT cells. Species: Human. Fixation: Cold 100% methanol for 10 minutes at -20C. Primary Antibody: Mouse Anti-Hsp90 Monoclonal Antibody at 1:100 for 1 hour at RT. Secondary Antibody: FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at RT.



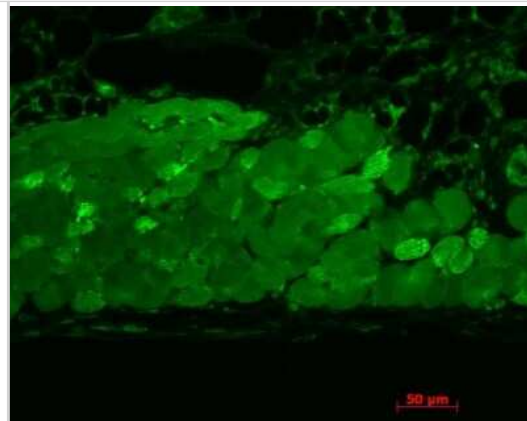
Immunohistochemistry: HSP90 Antibody (4F3.E8) [NBP2-12878] - Immunohistochemistry analysis using Mouse Anti-Hsp90 Monoclonal Antibody, Clone 4F3.E8 (NBP2-12878). Tissue: backskin. Species: Mouse. Fixation: Bouin's Fixative and paraffin-embedded. Primary Antibody: Mouse Anti-Hsp90 Monoclonal Antibody (NBP2-12878) at 1:100 for 1 hour at RT. Secondary Antibody: FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at RT.



Immunohistochemistry: HSP90 Antibody (4F3.E8) [NBP2-12878] - Immunohistochemistry analysis using Mouse Anti-Hsp90 Monoclonal Antibody, Clone 4F3.E8 (NBP2-12878). Tissue: colon carcinoma. Species: Human. Fixation: Formalin. Primary Antibody: Mouse Anti-Hsp90 Monoclonal Antibody (NBP2-12878) at 1:100000 for 12 hours at 4C. Secondary Antibody: Biotin Goat Anti-Mouse at 1:2000 for 1 hour at RT. Counterstain: Mayer Hematoxylin (purple/blue) nuclear stain at 200 for 2 minutes at RT. Localization: Inflammatory cells. Magnification: 40x.



Immunohistochemistry: HSP90 Antibody (4F3.E8) [NBP2-12878] - Immunohistochemistry analysis using Mouse Anti-Hsp90 Monoclonal Antibody, Clone 4F3.E8 (NBP2-12878). Tissue: muscle tissue. Species: Mouse. Fixation: Bouin's Fixative and paraffin-embedded. Primary Antibody: Mouse Anti-Hsp90 Monoclonal Antibody (NBP2-12878) at 1:1000 for 1 hour at RT. Secondary Antibody: FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at RT.



Publications

Pecci A, Necchi V, Barozzi S et al. Particulate cytoplasmic structures with high concentration of ubiquitin-proteasome accumulate in myeloid neoplasms *J Hematol Oncol*. 2015-06-20 [PMID: 26081257] (EM, Human)

O'Neill AJ, Prencipe M, Dowling C et al. Characterisation and manipulation of docetaxel resistant prostate cancer cell lines. *Mol Cancer*. 2011-10-01 [PMID: 21982118]

Fellerer C, Schweiger R, Schongrubner K et al. Cytosolic HSP90 cochaperones HOP and FKBP interact with freshly synthesized chloroplast preproteins of Arabidopsis. *Mol Plant*. 2011-11-01 [PMID: 21596689]



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Products Related to NBP2-12878-200ug

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP2-12878UV	HSP90 Antibody (4F3.E8) [DyLight 350]

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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