

Product Datasheet

Hsp47 Antibody (1C4-1A6) - BSA Free NBP2-22400

Unit Size: 0.2 mg

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

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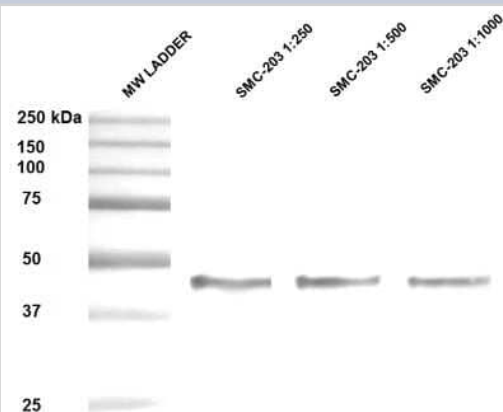
NBP2-22400

Hsp47 Antibody (1C4-1A6) - BSA Free

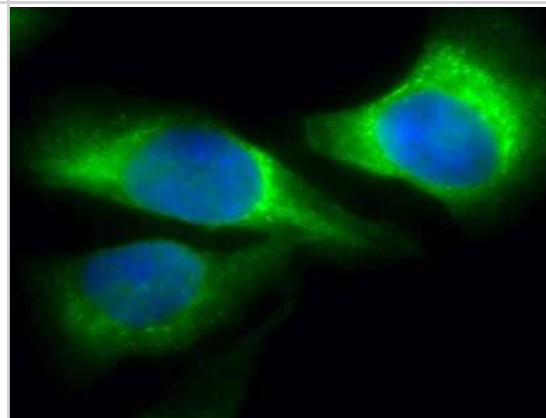
Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1C4-1A6
Preservative	0.09% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol
Product Description	
Description	Novus Biologicals Mouse Hsp47 Antibody (1C4-1A6) - BSA Free (NBP2-22400) is a monoclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	871
Gene Symbol	SERPINH1
Species	Human
Specificity/Sensitivity	Detects 47kDa.
Immunogen	Human HSP47, full length
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:100
Application Notes	1 ug/ml of HSP47 Antibody was sufficient for detection of HSP47 in 20 ug of heat shocked HeLa cell lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary Antibody.

Images

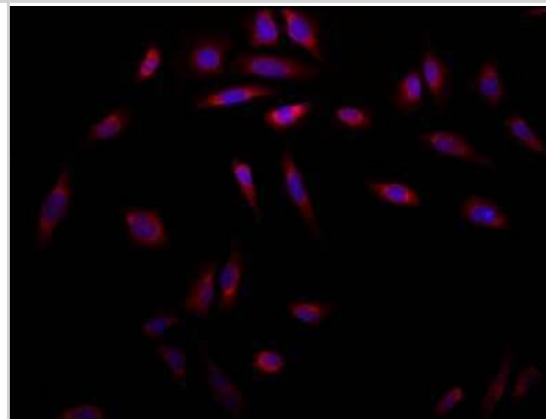
Western Blot: Hsp47 Antibody (1C4-1A6) [NBP2-22400] - analysis of Human Epithelial cell (A431) lysates showing detection of 47 kDa Hsp47 protein using Mouse Anti-Hsp47 Monoclonal Antibody, Clone 1C4-1A6 . Lane 1: MW ladder. Lane 2: Anti-Hsp47 (1:250). Lane 3: Anti-Hsp47 (1:500). Lane 4: Anti-Hsp47 (1:1000). Load: 20 ug. Block: 5% milk + TBST for 1 hour at RT. Primary Antibody: Mouse Anti-Hsp47 Monoclonal Antibody at 1:250 - 1:1000 for 1 hour at RT. Secondary Antibody: HRP Goat Anti-Mouse at 1:50 for 1 hour at RT. Color Development: TMB solution for 10 min at RT. Predicted/Observed Size: 47 kDa.



Immunocytochemistry/Immunofluorescence: Hsp47 Antibody (1C4-1A6) [NBP2-22400] - Tissue: Heat Shocked HeLa Cells. Species: Human. Fixation: 2% Formaldehyde for 20 min at RT. Primary Antibody: Mouse Anti-Hsp47 Monoclonal Antibody at 1:100 for 12 hours at 4C. Secondary Antibody: FITC Goat Anti-Mouse (green) at 1:200 for 2 hours at RT. Counterstain: DAPI (blue) nuclear stain at 1:40000 for 2 hours at RT. Localization: Endoplasmic reticulum lumen. Cytoplasm. Magnification: 100x.



Immunocytochemistry/Immunofluorescence: Hsp47 Antibody (1C4-1A6) [NBP2-22400] - Tissue: Heat Shocked HeLa Cells. Species: Human. Fixation: 2% Formaldehyde for 20 min at RT. Primary Antibody: Mouse Anti-Hsp47 Monoclonal Antibody at 1:100 for 12 hours at 4C. Secondary Antibody: APC Goat Anti-Mouse (red) at 1:200 for 2 hours at RT. Counterstain: DAPI (blue) nuclear stain at 1:40000 for 2 hours at RT. Localization: Endoplasmic reticulum lumen. Cytoplasm. Magnification: 20x.





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Products Related to NBP2-22400

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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