

Product Datasheet

HSP70/HSPA1A Antibody (OTI3G9) - Azide and BSA Free NBP2-70954

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-70954

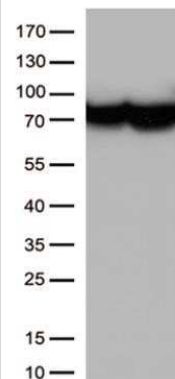
HSP70/HSPA1A Antibody (OTI3G9) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI3G9
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	70 kDa
Product Description	
Description	Novus Biologicals Mouse HSP70/HSPA1A Antibody (OTI3G9) - Azide and BSA Free (NBP2-02190) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3303
Gene Symbol	HSPA1A
Species	Human, Mouse, Rat, Canine, Monkey, Primate
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human HSPA1A (NP_005336) produced in HEK293T cell.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin

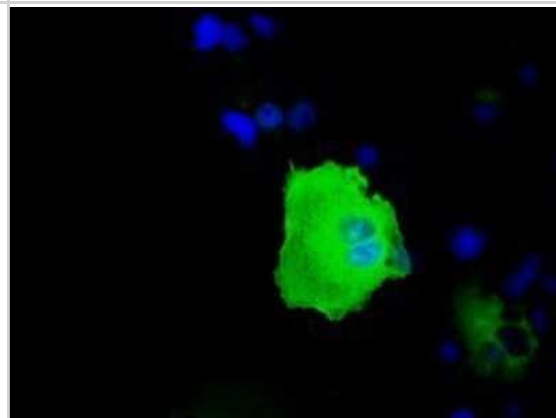


Images

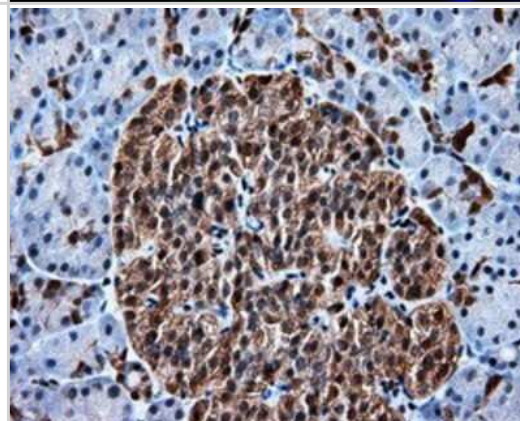
Western Blot: HSP70/HSPA1A Antibody (OTI3G9) - Azide and BSA Free [NBP2-70954] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY HSPA1A (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-HSPA1A.(1:500)



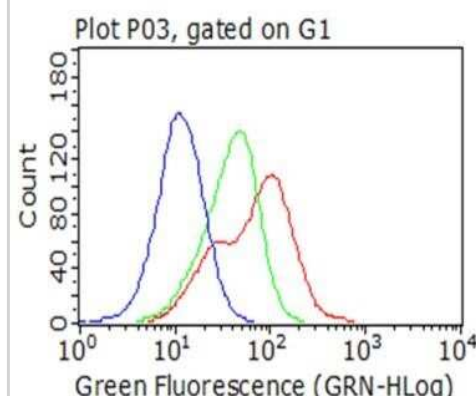
Immunocytochemistry/Immunofluorescence: HSP70/HSPA1A Antibody (OTI3G9) - Azide and BSA Free [NBP2-70954] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY Hsp70.



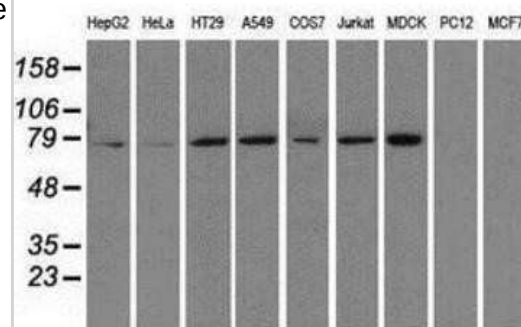
Immunohistochemistry: HSP70/HSPA1A Antibody (OTI3G9) - Azide and BSA Free [NBP2-70954] - Staining of paraffin-embedded pancreas tissue using anti-Hsp70 mouse monoclonal antibody.



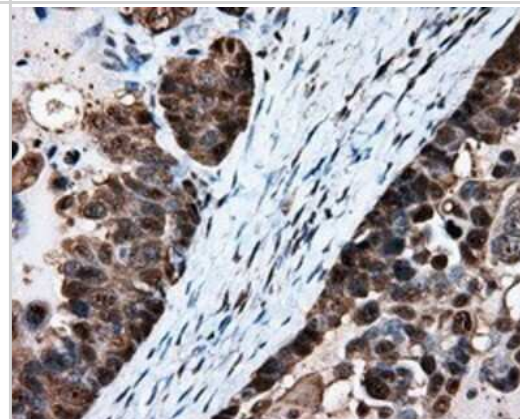
Flow Cytometry: HSP70/HSPA1A Antibody (OTI3G9) - Azide and BSA Free [NBP2-70954] - Analysis of permeabilized Jurkat cells, using anti-HSPA1A antibody (Red), compared to an isotype control (green), and a PBS control (blue).(1:100)



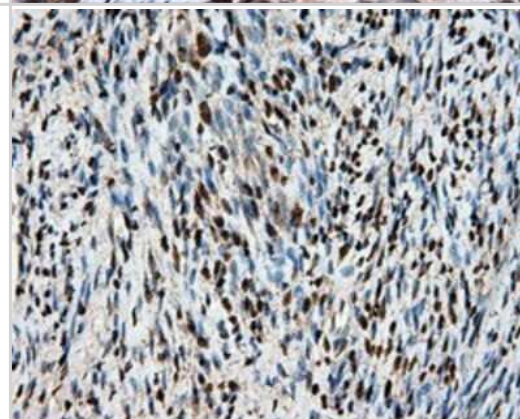
Western Blot: HSP70/HSPA1A Antibody (OTI3G9) - Azide and BSA Free [NBP2-70954] - Analysis of extracts (35ug) from 9 different cell lines by using anti-Hsp70 monoclonal antibody.



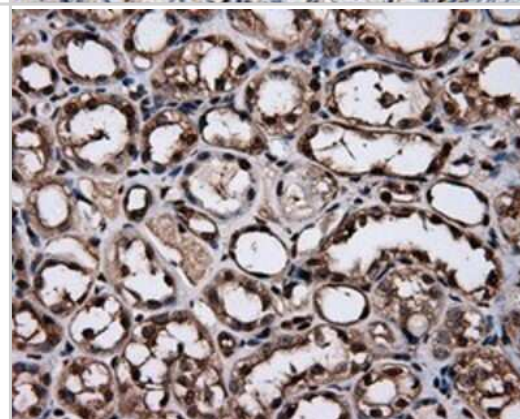
Immunohistochemistry: HSP70/HSPA1A Antibody (OTI3G9) - Azide and BSA Free [NBP2-70954] - Staining of paraffin-embedded Adenocarcinoma of ovary tissue using anti-Hsp70 mouse monoclonal antibody.



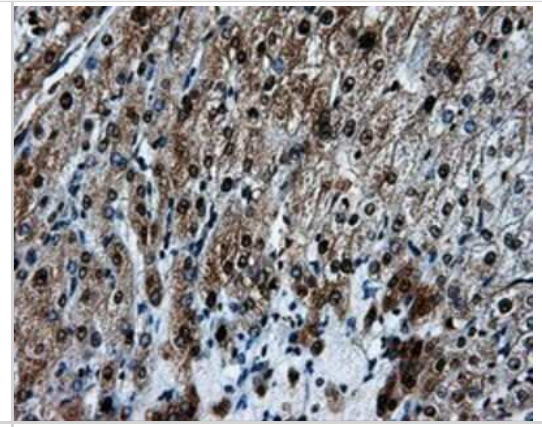
Immunohistochemistry: HSP70/HSPA1A Antibody (OTI3G9) - Azide and BSA Free [NBP2-70954] - Staining of paraffin-embedded endometrium tissue using anti-Hsp70 mouse monoclonal antibody.



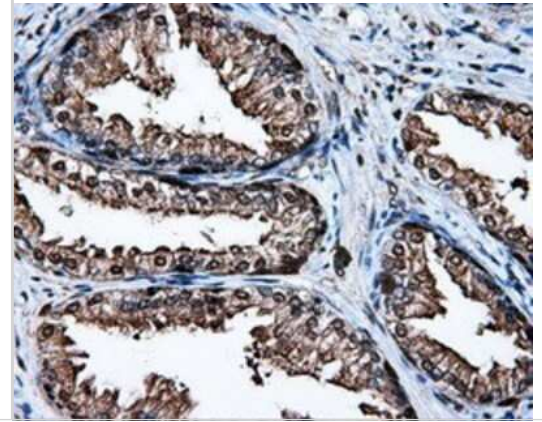
Immunohistochemistry: HSP70/HSPA1A Antibody (OTI3G9) - Azide and BSA Free [NBP2-70954] - Staining of paraffin-embedded Kidney tissue using anti-Hsp70 mouse monoclonal antibody.



Immunohistochemistry: HSP70/HSPA1A Antibody (OTI3G9) - Azide and BSA Free [NBP2-70954] - Staining of paraffin-embedded liver tissue using anti-Hsp70 mouse monoclonal antibody.



Immunohistochemistry: HSP70/HSPA1A Antibody (OTI3G9) - Azide and BSA Free [NBP2-70954] - Staining of paraffin-embedded prostate tissue using anti-Hsp70 mouse monoclonal antibody.





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Products Related to NBP2-70954

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-77456PEP	HSP70/HSPA1A 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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