

Product Datasheet

HSPA8/HSC71/Hsc70 Antibody (1B5) - BSA Free NBP1-97868-0.05mg

Unit Size: 0.05 mg

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

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NBP1-97868-0.05mg

HSPA8/HSC71/Hsc70 Antibody (1B5) - BSA Free

Product Information	
Unit Size	0.05 mg
Concentration	1.0 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1B5
Preservative	0.09% Sodium Azide
Isotype	IgG2a
Purity	Protein G purified
Buffer	PBS (pH 7.2) and 50% Glycerol
Target Molecular Weight	73 kDa

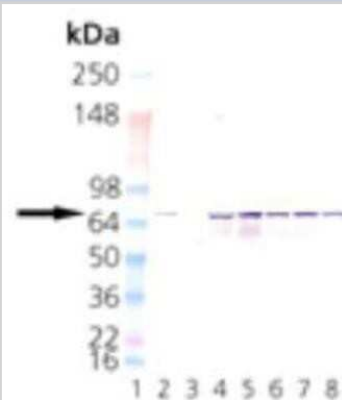
Product Description	
Description	Novus Biologicals Rat HSPA8/HSC71/Hsc70 Antibody (1B5) - BSA Free (NBP1-97868) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow, ICC/IF, Simple Western and IP. Anti-HSPA8/HSC71/Hsc70 Antibody: Cited in 11 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rat
Gene ID	3312
Gene Symbol	HSPA8
Species	Human, Mouse, Rat, Porcine, Bovine, Canine, Chicken, Guinea Pig, Hamster, Monkey, Rabbit, Sheep
Reactivity Notes	Turtle (100%).
Immunogen	Native hamster Hsc70 (Hsp73).

Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, ELISA, Electron Microscopy, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, Simple Western 1:25, Flow Cytometry 1:10-1:1000, ELISA, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Electron Microscopy 1:10-1:500
Application Notes	See Simple Western Antibody Database for Simple Western validation: Tested in Rat B103 cells, separated by Size, antibody dilution of 1:25

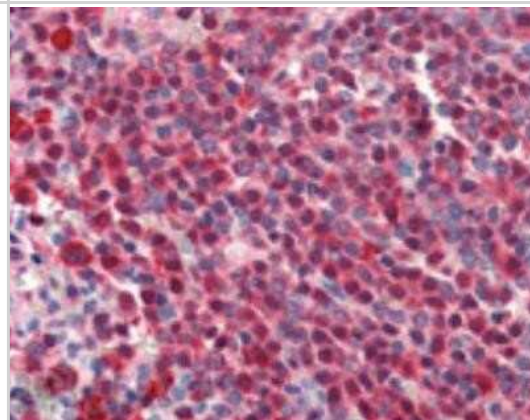


Images

Western Blot: HSPA8/HSC71/Hsc70 Antibody (1B5) [NBP1-97868] - Analysis of HSC70/HSP73: Lane 1: MW marker, Lane 2: HSC70/HSP73 (bovine), (recombinant) Lane 3: HSP70/HSP72 (human), (recombinant) Lane 4: 3T3, (Cell Lysate) Lane 5: PC-12, (Cell Lysate), Lane 6: CHO-K1 Cell Lysate, Lane 7: GPC-16 Cell Lysate, Lane 8: HeLa, (Cell Lysate).



Immunohistochemistry-Paraffin: HSPA8/HSC71/Hsc70 Antibody (1B5) [NBP1-97868] - Analysis of human spleen tissue stained with HSC70/HSP73, mAb (1B5) at 10ug/ml.



Publications

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Suttitanamongkol S, Polanowska-Grabowska R, Gear AR et al. Heat-shock protein 90 complexes in resting and thrombin-activated platelets. *Biochem Biophys Res Commun.* 2002-09-01 [PMID: 12220519]

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Brighty DW, Jassal SR. The synthetic peptide P-197 inhibits human T-cell leukemia virus type 1 envelope-mediated syncytium formation by a mechanism that is independent of Hsc70. *J Virol.* 2001-11-01 [PMID: 11581416]

Sainis L, Angelidis C, Pagoulatos GN et al. HSC70 interactions with SV40 viral proteins differ between permissive and nonpermissive mammalian cells. *Cell Stress Chaperones.* 2000-04-01 [PMID: 11147964]





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HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NB7115	Goat anti-Rat IgG (H+L) Secondary Antibody [HRP]
NBP2-21947-0.1mg	Rat IgG2a Isotype Control (2A3)

Limitations

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