

Datasheet for ABIN7154883
anti-Hsc70 antibody (AA 2-646)[Go to Product page](#)

7 Images

Overview

Quantity:	100 µL
Target:	Hsc70 (HSPA8)
Binding Specificity:	AA 2-646
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Hsc70 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunoprecipitation (IP), Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant Human Heat shock cognate 71 kDa protein (2-646AA)
Clone:	2G8F6
Isotype:	IgG2b
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Protein A purified

Target Details

Target:	Hsc70 (HSPA8)
Alternative Name:	HSPA8 (HSPA8 Products)

Target Details

Background:	<p>Background: Acts as a repressor of transcriptional activation. Inhibits the transcriptional coactivator activity of CITED1 on Smad-mediated transcription. Chaperone. Component of the PRP19-CDC5L complex that forms an integral part of the spliceosome and is required for activating pre-mRNA splicing. May have a scaffolding role in the spliceosome assembly as it contacts all other components of the core complex. Binds bacterial lipopolysaccharide (LPS) et mediates LPS-induced inflammatory response, including TNF secretion by monocytes.</p> <p>Participates in the ER-associated degradation (ERAD) quality control pathway in conjunction with J domain-containing co-chaperones and the E3 ligase CHIP</p> <p>Aliases: Heat shock cognate 71 kDa protein (Heat shock 70 kDa protein 8) (Lipopolysaccharide-associated protein 1) (LAP-1) (LPS-associated protein 1), HSPA8, HSC70 HSP73 HSPA10</p>
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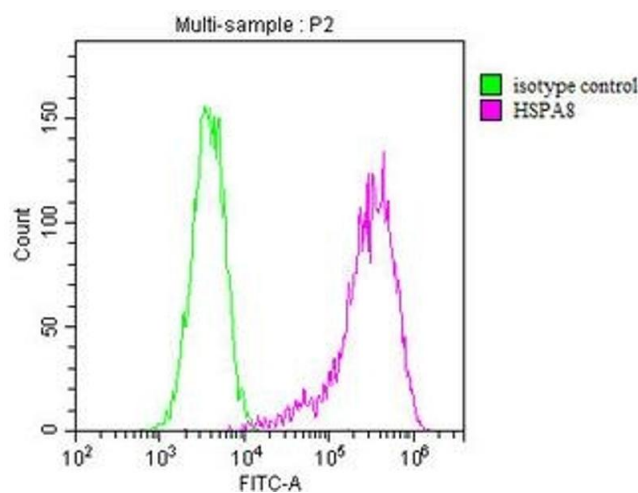
UniProt:	P11142
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Application Details

Application Notes:	Recommended dilution: WB: 1:10000-1:256000, IHC: 1:100-1:500, FC: 1:100-1:300, IP: 1 µL-4 µL,
Restrictions:	For Research Use only

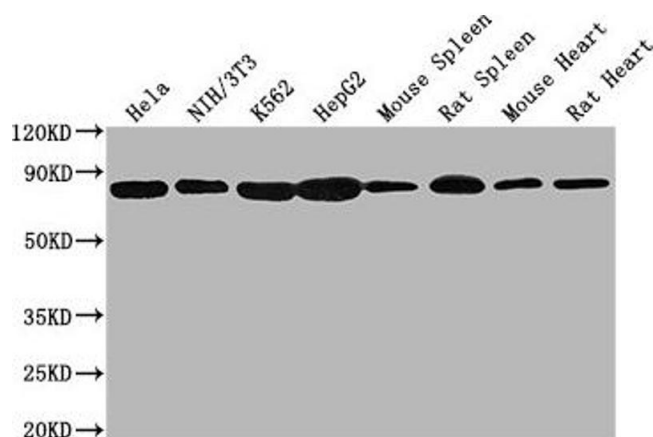
Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



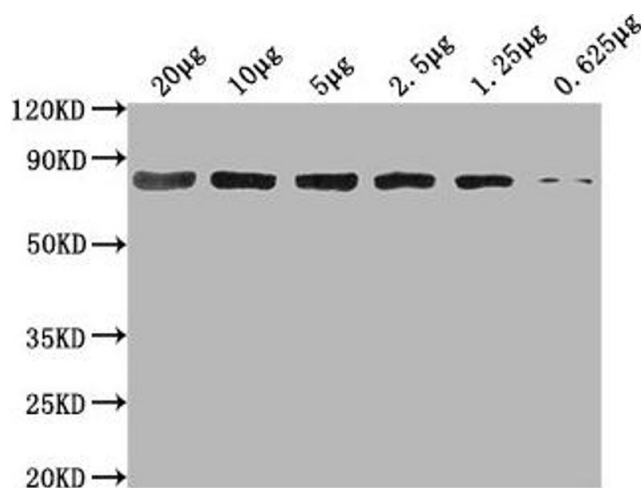
Flow Cytometry

Image 1. Overlay histogram showing MCF-7 cells stained with ABIN7154883 (red line). The cells were fixed with 70 % Ethylalcohol (18h) and then incubated in 10 % normal goat serum to block non-specific protein-protein interactions followed by the primary antibody at 1/200 for 1 h at 4 °C. The secondary antibody used was FITC goat anti-mouse IgG(H+L) at 1/100 dilution for 30 min at 4 °C. Isotype control antibody (green line) was mouse IgG2b used under the same conditions. Acquisition of >10,000 events was performed.



Western Blotting

Image 2. Western Blot Positive WB detected in: HeLa whole cell lysate, NIH/3T3 whole cell lysate, K562 whole cell lysate, HepG2 whole cell lysate, Mouse spleen tissue, Rat spleen tissue, Mouse heart tissue, Rat heart tissue All lanes HSPA8 antibody at 1:2000 Secondary Goat polyclonal to mouse IgG at 1/50000 dilution Predicted band size: 70~75 KDa Observed band size: 70~75 KDa Exposure time: 10s



Western Blotting

Image 3. Western Blot Positive WB detected in: HeLa whole cell lysate at 20 µg, 10 µg, 5 µg, 2.5 µg, 1.25 µg, 0.625 µg All lanes: HSPA8 antibody at 1:2000 Secondary Goat polyclonal to mouse IgG at 1/50000 dilution Predicted band size: 70~75 KDa Observed band size: 70~75 KDa Exposure time: 10s

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7154883.