

ARG56954 anti-Hsp 105 antibody [J1G12]

Package: 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [J1G12] recognizes Hsp 105
Tested Reactivity	Hu
Tested Application	FACS, WB
Host	Mouse
Clonality	Monoclonal
Clone	J1G12
Isotype	IgG2b, kappa
Target Name	Hsp 105
Species	Human
Immunogen	Recombinant fragment around aa. 1-858 of Human Hsp 105.
Conjugation	Un-conjugated
Alternate Names	HSP105B; HSP105A; Heat shock protein 105 kDa; HSP105; Heat shock 110 kDa protein; NY-CO-25; Antigen NY-CO-25

Application Instructions

Application table	Application	Dilution
	FACS	Assay-dependent
	WB	1:1000 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

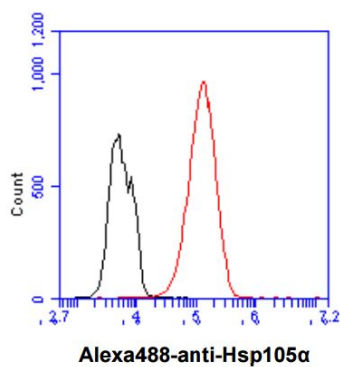
Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	10% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

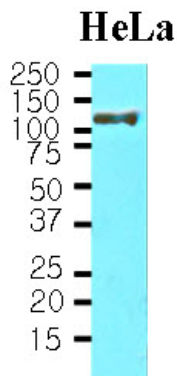
Database links	GeneID: 10808 Human Swiss-port # Q92598 Human
Gene Symbol	HSPH1
Gene Full Name	heat shock 105kDa/110kDa protein 1
Function	Prevents the aggregation of denatured proteins in cells under severe stress, on which the ATP levels decrease markedly. Inhibits HSPA8/HSC70 ATPase and chaperone activities (By similarity). [UniProt]
Calculated Mw	97 kDa
PTM	Phosphorylation on Ser-509 may be important for regulation of the HSPA8/HSC70 chaperone activity.

Images



ARG56954 anti-Hsp 105 antibody [J1G12] FACS image

Flow Cytometry: Hep3B cell line stained with ARG56954 anti-Hsp 105 antibody [J1G12] at 2-5 µg for 1x10⁶ cells (red line). Secondary antibody: Goat anti-Mouse IgG Alexa fluor 488 conjugate. Isotype control antibody was Mouse IgG (black line).



ARG56954 anti-Hsp 105 antibody [J1G12] WB image

Western blot: 40 µg of 1) HeLa, 2) HepG2, 3) NIH-3T3, 4) MCF7, 5) U-87 MG, and 6) A549 cell lysates stained with ARG56954 anti-Hsp 105 antibody [J1G12] at 1:1000.