

ARG59720 anti-Hsp105 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Hsp105
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Hsp105
Species	Human
Immunogen	Synthetic peptide derived from Human Hsp105
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
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	~ 105 kDa	

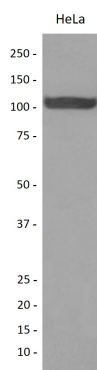
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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

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. [UniProt]
Cellular Localization	Cytoplasm. [UniProt]

Images



ARG59720 anti-Hsp105 antibody WB image

Western blot: HeLa cell lysate stained with ARG59720 anti-Hsp105 antibody.