

## 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.

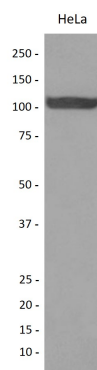
## Bioinformation

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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

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ARG59720 anti-Hsp105 antibody WB image

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