

## ARG22196 anti-Hsp 40 antibody

Package: 50 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes Hsp 40
Tested Reactivity	Hu
Tested Application	ICC/IF, IP, WB
Specificity	Detects ~40kDa.
Host	Rabbit
Clonality	Polyclonal
Target Name	Hsp 40
Species	Human
Immunogen	Recombinant purified Human HSP40
Conjugation	Un-conjugated
Alternate Names	Hsp40; HSP40; DnaJ protein homolog 1; hDj-1; HSPF1; Human DnaJ protein 1; Hdj1; RSPH16B; Heat shock 40 kDa protein 1; DnaJ homolog subfamily B member 1; Heat shock protein 40; Sis1

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:100
	IP	Assay-dependent
	WB	1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

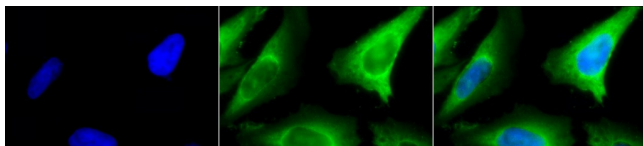
### Properties

Form	Liquid
Purification	Rabbit antiserum.
Buffer	Rabbit Antiserum
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 or below. 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	<a href="#">GeneID: 3337 Human</a> <a href="#">Swiss-port # P25685 Human</a>
Gene Symbol	DNAJB1
Gene Full Name	DnaJ (Hsp40) homolog, subfamily B, member 1
Background	This gene encodes a member of the DnaJ or Hsp40 (heat shock protein 40 kD) family of proteins. DNAJ family members are characterized by a highly conserved amino acid stretch called the 'J-domain' and function as one of the two major classes of molecular chaperones involved in a wide range of cellular events, such as protein folding and oligomeric protein complex assembly. The encoded protein is a molecular chaperone that stimulates the ATPase activity of Hsp70 heat-shock proteins in order to promote protein folding and prevent misfolded protein aggregation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015]
Function	Interacts with HSP70 and can stimulate its ATPase activity. Stimulates the association between HSC70 and HIP. [UniProt]
Calculated Mw	38 kDa
Cellular Localization	Cytoplasm, Nucleus

## Images



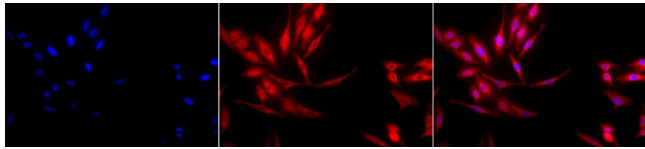
ARG22196 anti-Hsp 40 antibody ICC/IF image

Immunocytochemistry: 2% Formaldehyde (20 min at RT) fixed Heat Shocked HeLa cells stained with ARG22196 anti-Hsp 40 antibody (green) at 1:100 dilution (12 hours at 4°C). Counterstain: DAPI (blue) nuclear stain at 1:40000 for 120 min at RT. Magnification: 100x. Left: DAPI (blue) nuclear stain, Middle: Primary antibody, Right: Composite.



ARG22196 anti-Hsp 40 antibody WB image

Western blot: Human HeLa cell lysates stained with ARG22196 anti-Hsp 40 antibody at 1:1000 dilution.



ARG22196 anti-Hsp 40 antibody ICC/IF image

Immunocytochemistry: 2% Formaldehyde (20 min at RT) fixed Heat Shocked HeLa cells stained with ARG22196 anti-Hsp 40 antibody (red) at 1:100 dilution (12 hours at 4°C). Counterstain: DAPI (blue) nuclear stain at 1:40000 for 120 min at RT. Magnification: 20x. Left: DAPI (blue) nuclear stain, Middle: Primary antibody, Right: Composite.

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