

Hsp70 (ABT139) Rabbit mAb

CatalogNo: YM6259

Recombinant 

Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- IHC

Isotype

- IgG, Kappa

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

Recommended Dilution Ratios

IHC 1:200-1:400

Basic Information

Clonality Monoclonal

Clone Number ABT139

Immunogen Information

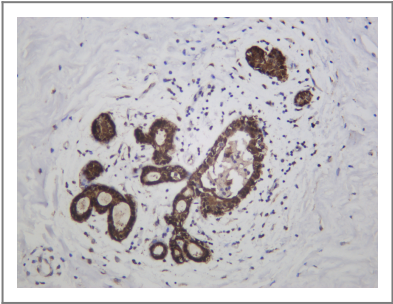
Immunogen The specific immunogen used to produce this antibody is proprietary information.

Specificity Endogenous

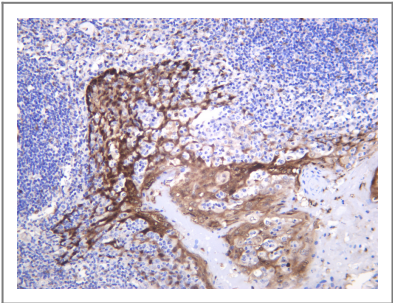
Target Information

Gene name	HSPA1A;HSPA1B		
Protein Name	Heat shock 70 kDa protein 1A/1B		
	Organism	Gene ID	UniProt ID
	Human	3303 ; 3304 ;	P0DMV8 ; P0DMV9 ;
Cellular Localization	Nucleus		
Tissue specificity	Brain ,Cajal-Retzius cell ,Embryonic kidney ,Epithelium ,Fetal		
Function	Function:In cooperation with other chaperones , Hsp70s stabilize preexistent proteins against aggregation and mediate the folding of newly translated polypeptides in the cytosol as well as within organelles. These chaperones participate in all these processes through their ability to recognize nonnative conformations of other proteins. They bind extended peptide segments with a net hydrophobic character exposed by polypeptides during translation and membrane translocation , or following stress-induced damage. In case of rotavirus A infection , serves as a post-attachment receptor for the virus to facilitate entry into the cell. ,induction:By heat shock. ,similarity:Belongs to the heat shock protein 70 family. ,subunit:HSPA1B is found in a sperm-specific complex with CATSPER1 and CATSPERB (By similarity) . Interacts with TSC2. Interacts with IRAK1BP1. ,tissue specificity:HSPA1B is testis-specific. ,		

| Validation Data



Human breast cancer was stained with anti-Hsp70 Rabbit antibody



Human tonsil was stained with anti-Hsp70 Rabbit antibody

| Contact information

Orders: order@immunoway.com
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Telephone: 877-594-3616 (Toll Free), 408-747-0185
Website: <http://www.immunoway.com>
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Please scan the QR code
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product information:
Hsp70 (ABT139)
Rabbit mAb

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