



# HSP72 Monoclonal Antibody

<b>Catalog No</b>	BYmab-05079
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	HSPA2
<b>Protein Name</b>	Heat shock-related 70 kDa protein 2 (Heat shock 70 kDa protein 2)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 470-550
<b>Specificity</b>	HSP72 Monoclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	70kD
<b>Cell Pathway</b>	Cytoplasm, cytoskeleton, spindle . Colocalizes with SHCBP1L at spindle during the meiosis process. .
<b>Tissue Specificity</b>	Brain,Eye,Lung,
<b>Function</b>	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.,similarity:Belongs to the heat shock protein 70 family.,subunit:Interacts with ZNF541.,
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**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images

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