



# HSP77/76 Monoclonal Antibody

<b>Catalog No</b>	BYmab-04303
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB
<b>Gene Name</b>	HSPA6/HSPA7
<b>Protein Name</b>	Heat shock 70 kDa protein 6/Putative heat shock 70 kDa protein 7
<b>Immunogen</b>	Synthesized peptide derived from the Internal region of human HSP77/76.
<b>Specificity</b>	HSP77/76 Monoclonal Antibody detects endogenous levels of HSP77/76 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA 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>	HSPA7; HSP70B; Putative heat shock 70 kDa protein 7; Heat shock 70 kDa protein B; HSPA6; HSP70B'; Heat shock 70 kDa protein 6; Heat shock 70 kDa protein B'
<b>Observed Band</b>	40kD
<b>Cell Pathway</b>	COP9 signalosome,extracellular exosome,blood microparticle,
<b>Tissue Specificity</b>	Cerebellum,Lung,Ovary,Skin,
<b>Function</b>	caution:Could be the product of a pseudogene.,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.,induction:Only at higher temperatures, and no basal expression.,similarity:Belongs to the heat shock protein 70 family.,

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**Background**

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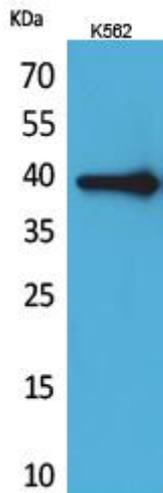
**matters needing attention**

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**



Western Blot analysis of various cells using HSP77/76 Monoclonal Antibody