



# HS74L Monoclonal Antibody

<b>Catalog No</b>	YP-mAb-06617
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	HSPA4L APG1 OSP94
<b>Protein Name</b>	Heat shock 70 kDa protein 4L (Heat shock 70-related protein APG-1) (Osmotic stress protein 94)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 450-530
<b>Specificity</b>	HS74L 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 1:500-1:2000
<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>	92kD
<b>Cell Pathway</b>	Cytoplasm . Nucleus . May translocate to the nucleus after heat shock. .
<b>Tissue Specificity</b>	Heart,Testis,
<b>Function</b>	function:Possesses chaperone activity in vitro where it inhibits aggregation of citrate synthase.,induction:By heat shock.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the heat shock protein 70 family.,subcellular location:May translocate to the nucleus after heat shock.,subunit:Homodimer.,
<b>Background</b>	The protein encoded by this gene is heat shock inducible and may act as a chaperone. The encoded protein can protect the heat-shocked cell against the harmful effects of aggregated proteins. This gene is highly expressed in leukemia cells and may be a good target for therapeutic intervention. Several transcripts encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2015],
<b>matters needing attention</b>	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**