



# HSP40 Mouse mAb(Mix-mA)

<b>Catalog No</b>	BYab-04794
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human; Mouse;Rat
<b>Applications</b>	IHC;WB
<b>Gene Name</b>	DNAJB1 DNAJ1 HDJ1 HSPF1
<b>Protein Name</b>	HSP40
<b>Immunogen</b>	Synthesized peptide derived from human HSP40
<b>Specificity</b>	This antibody detects endogenous levels of HSP40 at Human, Mouse,Rat
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.33% sodium azide.
<b>Source</b>	Monoclonal, Mouse
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
<b>Dilution</b>	IHC-p1:50-200 ,WB 1:1000-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	DnaJ homolog subfamily B member 1 (DnaJ protein homolog 1) (Heat shock 40 kDa protein 1) (HSP40) (Heat shock protein 40) (Human DnaJ protein 1) (hDj-1)
<b>Observed Band</b>	40kD
<b>Cell Pathway</b>	Cytoplasm . Nucleus . Nucleus, nucleolus . Translocates rapidly from the cytoplasm to the nucleus, and especially to the nucleoli, upon heat shock.
<b>Tissue Specificity</b>	Brain,Heart,Lung,Placenta,
<b>Function</b>	function:Interacts with HSP70 and can stimulate its ATPase activity. Stimulates the association between HSC70 and HIP.,induction:By heat shock.,similarity:Contains 1 J domain.,subcellular location:Translocates rapidly from the cytoplasm to the nucleus, and especially to the nucleoli, upon heat shock.,subunit:Interacts with DNAJC3.,
<b>Background</b>	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

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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],

**matters needing attention**

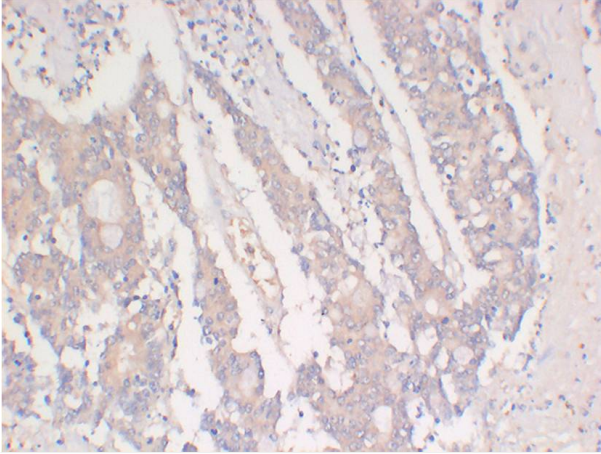
Avoid repeated freezing and thawing!

**Usage suggestions**

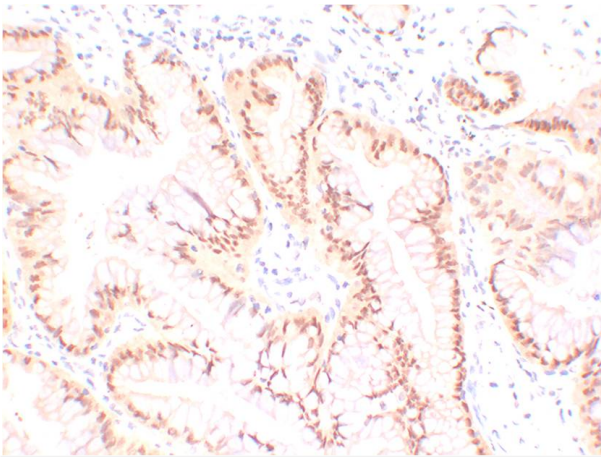
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



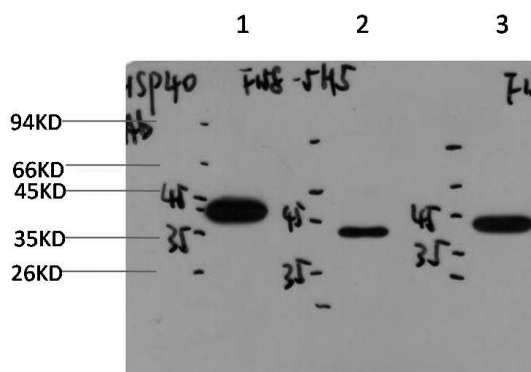
## Products Images



Immunohistochemical analysis of paraffin-embedded Human Colon Carcinoma Tissue using HSP40 Mouse Monoclonal antibody diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Lung Carcinoma Tissue using HSP40 Mouse Monoclonal antibody diluted at 1:200.



Western blot analysis of 1) Hela Cell, 2) Mouse Liver, 3) PC12 Cell Lysate using HSP40 Mouse Monoclonal mAb diluted at 1:2,000.