

Summary

Production Name	Hsp40 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Immunogen

Gene Name	DNAJB1 DNAJB1; DNAJ1; HDJ1; HSPF1; DnaJ homolog subfamily B member 1; DnaJ protein
Alternative Names	homolog 1; Heat shock 40 kDa protein 1; HSP40; Heat shock protein 40; Human DnaJ protein 1; hDj-1
Gene ID	3337
SwissProt ID	P25685.

Application

Dilution Ratio	WB: 1:500-1:1000
Molecular Weight	Calculated MW: 38 kDa; Observed MW: 38 kDa

Product Name: Hsp40 Mouse Monoclonal Antibody
Catalog #: AMM03613



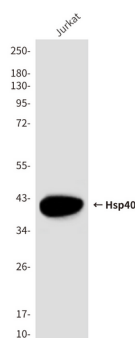
Background

Interacts with HSP70 and can stimulate its ATPase activity. Stimulates the association between HSC70 and HIP. Negatively regulates heat shock-induced HSF1 transcriptional activity during the attenuation and recovery phase period of the heat shock response (PubMed:9499401). Stimulates ATP hydrolysis and the folding of unfolded proteins mediated by HSPA1A/B (in vitro).

Research Area

Signal Transduction

Image Data



Western blot analysis of HSP40 in Jurkat lysates using HSP40 antibody.

Note

For research use only.