

AB-NN057-6

HSP40, YDJ1 Antibody

Pan-specific monoclonal antibody (2A7.H6) for monitoring the expression of yeast heat shock protein HSP40, YDJ1



KINEXUS

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Target Protein

Name Long:	Mitochondrial protein import protein MAS5 (HSP40, YDJ1)
Alias:	DnaJ (HSP40) homologue subfamily B member 1, DNAJ 1, DNAJ B1, DnaJ homologue subfamily B member 1, DnaJ protein homologue 1, DNAJ1, DNAJB 1, DNAJB1, DNAJB1 protein, DNJB1_HUMAN, HDJ 1, HDJ-1, HDJ1, Heat shock 40 kDa protein 1, Heat shock 40kD protein 1, Heat shock protein 40, HSP 40, HSP40, HSPF 1, HSPF1, Human DnaJ protein 1, Radial spoke 16 homologue B, RSPH16B, Sis1
UniProt ID:	P25491 - Yeast
Observed SDS-PAGE Mass (KDa):	40

Immunogen

Antibody Immunogen Source:	Full length protein HSP40 (YDJ1)
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	15 IgG1Kappa
Antibody Purification:	Protein G purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	50% glycerol, 0.09% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB IP ELISA
Antibody Dilution Recommended:	WB (1:2000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Yeast
Antibody Positive Control:	0.5 µg/ml of SMC-166 was sufficient for detection of 50ng YDJ1 by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~40 kDa protein. Yeast specific.
Antibody Specificity:	Very high
Antibody Cross Reactivities:	Does not cross react with human, mouse or rat.

This product is for in vitro research use only and is not intended for use in humans or animals.

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