

AB-NN268-3

HSF1 Antibody

Pan-specific monoclonal antibody (10H8) for monitoring the expression of mouse HSF1



KINEXUS

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Target Protein

Name Long:	Heat shock factor protein 1
Alias:	HSTF1, Heat shock factor protein 1, Heat shock transcription factor 1, HSF 1
UniProt ID:	P38532 - Mouse
Human Predicted Mass (KDa):	57.260 (529 AA; Q00613-1); 52.881 (489 AA; Q00613-2)
Observed SDS-PAGE Mass (KDa):	85

Immunogen

Antibody Immunogen Source:	Purified recombinant mouse HSF1 protein, with epitope mapping to amino acids 378-395
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Production

Antibody Host Species:	Rat
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	14 IgG1
Antibody Purification:	Protein G purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline, pH 7.4, 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 ICC/IF IP ELISA GS
Antibody Dilution Recommended:	WB (1:1000), ICC/IF (1:200); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat Bovine Guinea Pig Hamster Monkey Rabbit
Antibody Positive Control:	1 µg/ml of SMC-118 was sufficient for detection of HSF1 in 20 µg of heat shocked HeLa cell lysate by ECL immunoblot analysis using Goat anti-rat IgG: HRP as the secondary antibody
Target Detection Immunoblotting:	Detects a ~85 kDa protein (unstressed cell lysates), and ~95 kDa protein (heat shocked cell lysates).
Antibody Specificity:	Very high

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

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