AB-NN268-1

HSF1 Antibody

Pan-specific monoclonal antibody (10H4) for monitoring the expression of mouse HSF1

Address: 8755 Ash Street, Suite 1
Vancouver, British Columbia,
Canada V6P 6T3

Email: info@kinexus.ca
Phone: 604-323-2547

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

Production

Antibody Host Species:	Rat
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	113 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, 0.1% 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 (1:100); 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-476 was sufficient for detection of HSF1 in 20 µg of heat shocked HeLa cell lysate by colorimetric immunoblot analysis using Rabbit anti-rat IgG: AP as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~85 kDa protein (unstressed cell lysates) and ~95 kDa protein (heat shocked cell lysates).