

AB-NN061-3

HSP90 Antibody

Pan-specific monoclonal antibody (H9010) for monitoring the expression of human heat shock protein HSP90



KINEXUS

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Target Protein

Name Long:	Heat shock protein HSP 90-beta
Alias:	HSP84, HSP90, HSP90 beta, HSP90B, HSPC2, HSPCB
UniProt ID:	P08238 - Human
Human Predicted Mass (KDa):	83.264 (724 AA; P08238-1)
Observed SDS-PAGE Mass (KDa):	90

Immunogen

Antibody Immunogen Source:	Recombinant human HSP90beta
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	141 IgG2a
Antibody Purification:	Protein G purified
Amount:	50 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline pH 7.4 pH7.2, 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 IHC ICC/IF IP ELISA
Antibody Dilution Recommended:	WB (1:2500), IHC (1:200); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Rat Rabbit Chicken Dog Catostomus commersonii (fish) Mustelus antarcticus (Shark) Galeorhinus galeus (Shark)
Antibody Positive Control:	1 µg/ml of SMC-107 was sufficient for detection of HSP90beta in 20 µg of heat shocked HeLa cell lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~90 kDa protein. Detects a HSP90 beta in all reactive species except in chicken, where it detects both alpha and beta isoforms.
Antibody Specificity:	High

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

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-888-546-3987