

AB-NN061-2

HSP90 alpha/beta Antibody

Pan-specific monoclonal antibody (Hyb-K41220A) for monitoring the expression of human heat shock protein HSP90 alpha/beta



KINEXUS

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 protein HSP 90-alpha/beta
Alias:	HSP86, HSP89A, HSP90AA1, HSP90Alpha, HSPC1, HSPCA, HSPCAL3, HSP84, HSP90B, HSPC2, HSPCB, D6S182, FLJ26985
UniProt ID:	P08238, P07900 - Human
Human Predicted Mass (KDa):	98.161 (854 AA; P07900-2); 84.660 (732 AA; P07900-1); 83.264 (724 AA; P08238-1)
Observed SDS-PAGE Mass (KDa):	90

Immunogen

Antibody Immunogen Source:	Recombinant human HSP90alpha; Specificity mapped to amino acids 291-304
-----------------------------------	---

Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	139 IgG2a
Antibody Purification:	Protein G purified
Amount:	25 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 ELISA
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 S. cerevisiae S. pombe
Antibody Positive Control:	1 µg/ml was sufficient for detection of HSP90αβ in 20 µg of heat shocked HeLa cell lysate by colorimetric immunoblot analysis using Goat Anti-Mouse IgG:HRP as the secondary.
Target Detection Immunoblotting:	Detects a ~90 kDa protein, and will detect both alpha and beta form of HSP90.
Antibody Specificity:	Very 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