

# AB-NN165

## HSP90 beta Antibody

Pan-specific monoclonal antibody (Hyb-K3701) for monitoring the expression of human heat shock protein HSP90 beta



# KINEXUS

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### Target Protein

<b>Name Long:</b>	Heat shock protein HSP 90-beta
<b>Alias:</b>	HSP84, HSP90B, HSPC2, HSPCB, D6S182. FLJ26984
<b>UniProt ID:</b>	P08238 - Human
<b>Human Predicted Mass (KDa):</b>	83.264 (724 AA; P08238-1)
<b>Observed SDS-PAGE Mass (KDa):</b>	90

### Immunogen

<b>Antibody Immunogen Source:</b>	Recombinant human HSP90beta; Specificity mapped to amino acids 185-335
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### Production

<b>Antibody Host Species:</b>	Mouse
<b>Antibody Type:</b>	Monoclonal
<b>Antibody Ig Isotype Clone Lot:</b>	144 IgM
<b>Antibody Purification:</b>	Protein G purified
<b>Amount:</b>	25 µg
<b>Antibody Concentration:</b>	1 mg/ml
<b>Lot Number:</b>	15DE1
<b>Storage Buffer:</b>	Phosphate buffered saline pH 7.4 pH7.2, 50% glycerol, 0.09% sodium azide
<b>Storage Conditions and Stability:</b>	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

<b>Product Use:</b>	WB   IHC   ELISA
<b>Antibody Dilution Recommended:</b>	WB (1:1000), IHC (1:3000); optimal dilutions for assays should be determined by the user.
<b>Antibody Species Reactivity:</b>	Human
<b>Antibody Positive Control:</b>	1 µg/ml was sufficient for detection of HSP90β in 20 µg of heat shocked HeLa cell lysate by colorimetric immunoblot analysis using Goat Anti-Mouse IgG:HRP as the secondary.
<b>Target Detection Immunoblotting:</b>	Detects a 90 kDa protein.
<b>Antibody Specificity:</b>	Medium-high
<b>Antibody Cross Reactivities:</b>	This is a beta specific product, does not cross-react with alpha isoforms.

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](http://www.kinexusproducts.ca) or contact us at 1-888-546-3987