

# AB-NN061-4

## HSP90 Antibody

Pan-specific monoclonal antibody (D7A) for monitoring the expression of chicken heat shock protein HSP90



# KINEXUS

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

Email: [info@kinexus.ca](mailto:info@kinexus.ca)  
Phone: 604-323-2547

### Target Protein

<b>Name Long:</b>	Heat shock protein HSP 90-alpha
<b>Alias:</b>	HSP86, HSP89A, HSP90A, HSP90AA1, HSPC1, HSPCA, HsoCAL3
<b>UniProt ID:</b>	P11501 - Chicken
<b>Human Predicted Mass (KDa):</b>	84.660 (732 AA; K9JA46-1)
<b>Observed SDS-PAGE Mass (KDa):</b>	90

### Immunogen

<b>Antibody Immunogen Source:</b>	Full length protein HSP90 purified from chicken brain
-----------------------------------	---

### Production

<b>Antibody Host Species:</b>	Mouse
<b>Antibody Type:</b>	Monoclonal
<b>Antibody Ig Isotype Clone Lot:</b>	142 IgG
<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   IP   ELISA. In immunoprecipitation studies, this antibody can isolate complexes of HSP90, Src kinase and cec37.
<b>Antibody Dilution Recommended:</b>	WB (1:500), IP (5µg) ; optimal dilutions for assays should be determined by the user.
<b>Antibody Species Reactivity:</b>	Human   Mouse   Rat   Bovine   Pig   Rabbit   Chicken
<b>Antibody Positive Control:</b>	2 µg/ml was sufficient for detection of HSP90α in 20 µg of heat shocked HeLa cell lysate as well as in 100ng of human HSP90α protein by colorimetric immunoblot analysis using Goat Anti-Mouse IgG:HRP as the secondary.
<b>Target Detection Immunoblotting:</b>	Detects a ~90 kDa protein.

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