

AB-NN061-18

HSP90 complex Antibody

Pan-specific monoclonal antibody (8D3) for monitoring the expression of human heat shock protein HSP90 complex



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-beta
Alias:	HSP84, HSP90, HSP90 beta, HSP90B, HSPC2, HSPCB, Heat shock protein HSP 90-beta, HSP 90, Heat shock 84 kDa, HSP 84, HSP84, HSP90AB1, 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:	Ah receptor (Aryl hydrocarbon receptor)
-----------------------------------	---

Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	17 IgM
Antibody Purification:	PEG purified
Amount:	50 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline pH 7.4, 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:	IP ICC/IF. Co-immunoprecipitates HSP90 complexes, including HSP70, Hop, Ah receptors, glucocorticoid receptors, heme-regulated eukaryotic initiation factor 2α (eIF-2α) kinase (HRI).
Antibody Dilution Recommended:	ICC/IF (1:100), IP (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat Rabbit
Antibody Positive Control:	Goat anti-mouse IgM was used to bind 25 µl of protein G-Sepharose. SMC-109 IgM from 0.5 ml of high speed supernatant medium was loaded onto the IgG resin and incubated with 100 µl of rabbit reticulocyte lysate for 30 min. at 30C. After washing (4X1 ml), bound proteins were resolved on SDS PAGE, including HSP90, HSP70 and Hop.
Target Detection Immunoblotting:	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 or contact us at 1-888-546-3987