

HSP90 (Heat Shock Protein 90; MBH90AB)

Catalogue No.	Pack Size
8005-1-20	20 µg
8005-1-100	100 µg

Product Description

HSP90 (heat shock protein 90) proteins are essential molecular chaperones involved in signal transduction, protein folding, and degradation. They interact with cochaperones to fold newly synthesized or denatured proteins after stress. Hsp90, abundant in eukaryotic cells, interacts with diverse proteins, modulating their stability or degradation, thus influencing multiple signalling pathways. Its ATP-driven conformational cycle operates as a dimer. Hsp90 has alpha and beta isoforms; alpha is stress-inducible and overexpressed in cancer cells. Targeting HSP90 offers potential for intervening in various stages of oncogenic transformation.

This antibody recognizes the epitope EEEVE within N-terminal part of ubiquitously expressed HSP90 alpha and HSP90 beta proteins.

References: *Chen, Bin et al. Genomics vol. 86,6 (2005): 627-37.*

Product Characteristics

Characteristic	Information
Host species	Mouse
Type	Monoclonal
Isotype	IgG1
Clone name	MBH90AB
Immunogen	Peptide corresponding to the sequence EEVHHGEEVEEC within N-terminal part of human Hsp90.
Species specificity	Human, Mouse, Bovine
Target Mw (kDa)	90

Supplied at 1mg/mL in 1x PBS with 0.01% sodium azide. Suitable for short term (2 – 3 months) storage at 4°C. Aliquot for long storage at -20°C. Avoid multiple freeze-thawing.

Product Application

MBH90AB has been tested to work for the following applications:

- Western Blotting (WB)
- Immunoprecipitation (IP)
- Immunohistochemistry (IHC)

Not tested for other applications.

Our recommended starting dilutions are: 1 µg/mL for WB. For IP and IHC, the user will need to determine the optimal dilution.

Technical support

If you are experiencing difficulties with using the reagent, please contact our team with relevant information at infoab@abasiabiolabs.com