

# Anti-HSP90 beta [MBH90B]

**Catalogue number:** 162062

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:**

**Institute:** Moravian Biotechnology

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-HSP90 beta [MBH90B]

**Alternate name:**

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** Antibody created to detect Hsp90b protein. Binding specificity: protein Hsp90b, calculated epitope EEVHHG.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG1

**Reactivity:** Human ; mouse ; bovine

**Selectivity:**

**Host:** Mouse

**Immunogen:** EEVHHGEEEEVEC sequence of beta forms of heat shock protein 90

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:** B cell donor: Splenocytes from mouse immunised with peptide EEVHHGEEEEVEC, fusion partner: SP2

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** beta forms of heat shock protein 90 (HSP90 beta)

**Target alternate names:**

**Target background:** Hsp90 is involved in maintaining the conformation, stability, activity and localization of several client proteins that trigger key points of oncogenic transformation (like mutant p53, steroid hormone receptors, HER2/neu, C-RAF, CDK4/Cyclin D, telomerase hTERT, etc.). Therefore, modulation of this single target offers the prospect of simultaneous inhibition of multiple signaling pathways and biological processes that might be implicated in the development of the malignant phenotype.

**Molecular weight:** Calculated: 83264Da (Hsp90?); SDS-PAGE mobility (reduced): 90kDa

**Ic50:**

## Applications

**Application:**

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:**

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:**

**Storage conditions:**

**Shipping conditions:**

## Related tools

**Related tools:**

# References

References:

CancerTools.org