

PRODUCT DATA SHEET

Product: Anti-HSP90 β pAb

Cat. No.: PC-084 (500 μ g)

Background:

Cells respond to heat and chemical stress by inducing synthesis of a group of proteins referred to as heat shock proteins. Heat Shock Protein 90 (HSP90) is present in cells at high levels in the cytoplasm and is composed of two separate gene products, HSP90 α and HSP90 β (also known as HSP84).

Specificity:

This antibody recognizes a protein of 84 kDa identified as heat shock protein 90 β . Anti-HSP90 β does not cross-react with HSP90 α .

Positive Control:

MAD109 cells

Epitope:

aa 2-13

Cellular Localization:

Cytoplasmic and nuclear

Species Reactivity:

Human, mouse, and rat. Others not tested.

Host:

Rabbit

Immunogen:

A synthetic peptide corresponding to aa 2-13 (PEEVHHGEEEEVE-Cys) from the N-terminus end of mouse heat shock protein 90 β (HSP90 β).

Format:

500 μ L of 1 mg/mL total IgG polyclonal antibody purified from rabbit anti-serum by Protein A chromatography. Prepared in 10 mM PBS, pH 7.4, with protein stabilizer and 0.09% sodium azide.

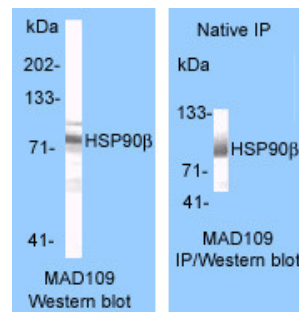
Storage:

Store at 4 $^{\circ}$ C.

Applications and Suggested Dilutions:

- Western blot: Use at 5-10 μ g/mL for 2 hrs. at RT.
- Immunoprecipitation: Native and denatured. Use at 10 μ g/mg protein lysate. Use Protein A.

The optimal dilution for a specific application should be determined by the researcher.



Limitations:

For *in vitro* research use only. Not for use in diagnostics or in humans.

Warranty:

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.