



MONOCLONAL ANTIBODY

For research use only. Not for clinical diagnosis

Catalog No. CEC-058

Anti-hsp90 alpha antibody

BACKGROUND

Heat shock proteins are chaperones that play an essential role in the protection of cells against numerous environmental stresses. The heat shock protein 90 (hsp90) is well known as a master regulator of protein folding.

Product type	Primary antibody
Immunogen	Synthetic peptide corresponding to the core region 36 aa (aa 406-441) of human hsp90 alpha peptide, YIDQEELNKTPIWTRNPDDITNEEYGEFYKSLTND
Host	Rat
Clone number	4H7A5
Isotype	IgM, κ
Source	Culture supernatant
Purification	Ion-exchange chromatography
Form	Liquid
Presentation	Purified monoclonal antibody in PBS, 50% Glycerol, 0.05%w/v ProClin300
Concentration	1 mg/mL
Volume	100 μ L
Label	Unlabeled
Specificity	hsp90 alpha
Cross reactivity	Human, Mouse, Rat Other species have not been tested.
Storage	Store below -20°C (below -70°C for prolonged storage) Aliquot to avoid cycles of freeze/thaw.
Other	-

Application notes	Recommended use WB, ICC Not tested for other applications Recommended dilutions Western blotting, 1/1,000 to 1/5,000 Immunocytochemistry, 1/100 to 1/500 Optimal dilutions/concentrations should be determined by the end user.
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References	-
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ANTIBODY CHARACTERIZATION

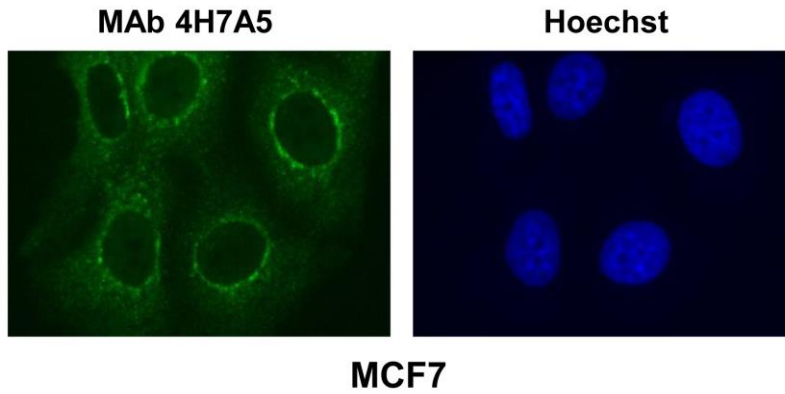


Fig.1 Immunocytochemistry/ Immunofluorescence - hsp90 alpha antibody (4H7A5)

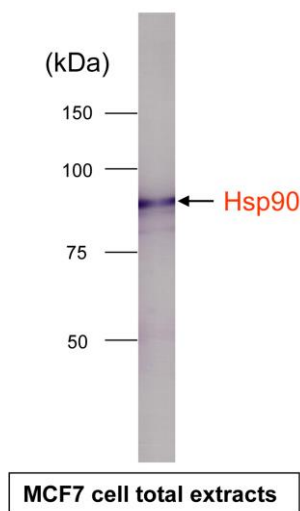


Fig.2 Western blot - hsp90 alpha antibody (4H7A5) , MCF7 cells total extracts

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