



# Rabbit Anti-HSP90AA1 monoclonal antibody, clone TZ25-17 (DCABH-2739)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Target	Hsp90 alpha
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TZ25-17
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC
Molecular Weight	90 kDa
Cellular Localization	Cytoplasm, Melanosome, Cell membrane.
Positive Control	Ags, NIH/3T3, Hela, mouse testis tissue, human tonsil tissue, human kidney tissue, human colon cancer tissue, human breast tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.

<b>Preservative</b>	0.05% Sodium Azide
<b>Storage</b>	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

## BACKGROUND

<b>Introduction</b>	<p>The heat shock response was first described for <i>Drosophila</i> salivary gland cells and morphologically consists of a change in their polytene chromosome puffing patterns that involves de novo synthesis of a few proteins. Similar heat shock proteins were later discovered in bacterial chicken and mammalian cells, and have been subsequently studied in other organisms. A series of proteins including HSP 90, HSP 70, HSP 20-30 and ubiquitin are induced by insults such as temperature shock, chemicals and other environmental stress. A major function of HSP 90 and other HSPs is to act as molecular chaperones. HSP 90 forms a complex with glucocorticoid receptor (GR), rendering the non ligand-bound receptor transcriptionally inactive. HSP 90 binds the GR as a heterocomplex composed of either HSP 56 or Cyclophilin D, forming an aporeceptor complex. HSP 90 also exists as a dimer with other proteins such as p60/sti1 and p23, forming an apo-receptor complex with estrogen and androgen receptors.</p>
<b>Keywords</b>	<p>EL52;epididymis luminal secretory protein 52;Heat shock 86 kDa;heat shock 90kD protein 1, alpha;Heat shock 90kD protein 1, alpha like 4;heat shock 90kD protein, alpha-like 4;Heat shock 90kDa protein 1 alpha;Heat shock protein 90kDa alpha (cytosolic) class A member 1;Heat shock protein HSP 90-alpha;HS90A_HUMAN;HSP 86;HSP86;Hsp89;HSP89A;Hsp90;HSP90A;HSP90AA1;HSP90ALPHA;HSP90N;HSPC1;HSPCA;HSPCAL 2;LAP2;lipopolysaccharide-associated protein 2;LPS-associated protein 2;Renal carcinoma antigen NY-REN-38 antibody</p>