

Product Datasheet

Anti-HSP90 Rabbit pAb



WL01763

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-HSP90 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC	1:150
	IF	1:500
Cellular localization	Cell membrane, Cytoplasm, Membrane, Mitochondrion, Nucleus.	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background	HSP70 and HSP90 are molecular chaperones expressed constitutively under normal conditions to maintain protein homeostasis and are induced upon environmental stress. HSP70 and HSP90 often function collaboratively in a multi-chaperone system, which requires a minimal set of co-chaperones: HSP40, Hop, and p23. They also play a role in vesicle formation and protein trafficking. HSP 90 α , also designated HSP90A, HSP 86 and LPS-associated protein 2 (LAP2), is a cytosolic enhancer of inducible nitric oxide synthase (iNOS), with chaperone activity that is important for the transcriptional activity of p53.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of HSP90.
Purification	Polyclonal antibody was purified by Protein A affinity chromatography.

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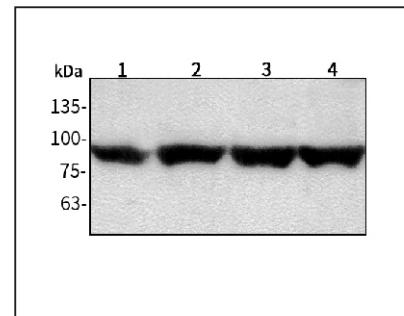
Anti-HSP90 Rabbit pAb



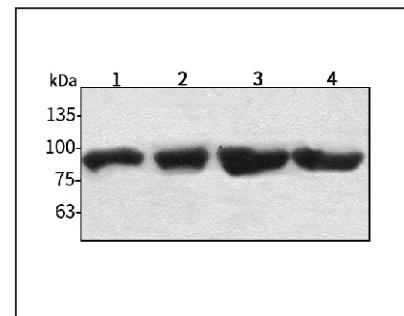
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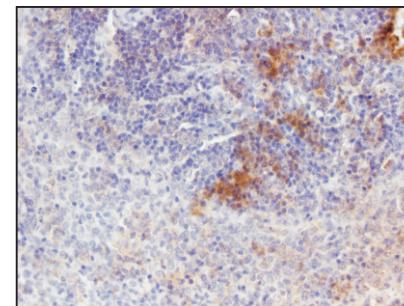
Product Images

**Western blot-Anti-HSP90 pAb**

Lane 1: Human HepG2 cell lysate
 Lane 2: Human Hela cell lysate
 Lane 3: Human BGC-823 cell lysate
 Lane 4: Human MGC-803 cell lysate
 All lanes: Anti-HSP90 at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 90 kDa
 Observed band size: 90 kDa

**Western blot-Anti-HSP90 pAb**

Lane 1: Mouse stomach tissue lysate
 Lane 2: Mouse heart tissue lysate
 Lane 3: Rat liver tissue lysate
 Lane 4: Rat brain tissue lysate
 All lanes: Anti-HSP90 at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 90 kDa
 Observed band size: 90 kDa

**Immunohistochemistry-Anti-HSP90 pAb**

Immunohistochemical analysis of paraffin-embedded rat spleen using anti-HSP90 Rabbit Antibody at 1:150 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

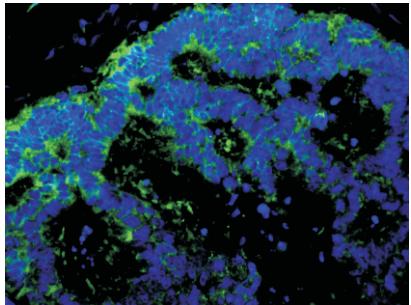
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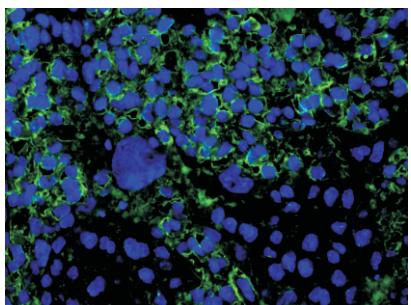
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Immunofluorescence-Anti-HSP90 pAb

Immunofluorescence analysis of paraffin-embedded human rectum cancer using anti-HSP90 Rabbit Antibody at 1:500 dilution.

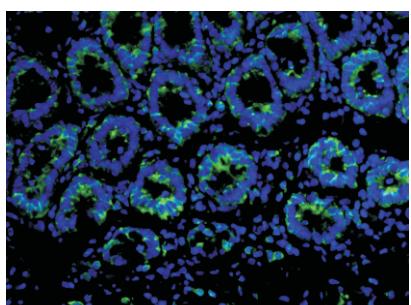
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0.



Immunofluorescence-Anti-HSP90 pAb

Immunofluorescence analysis of paraffin-embedded mouse placenta using anti-HSP90 Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0.



Immunofluorescence-Anti-HSP90 pAb

Immunofluorescence analysis of paraffin-embedded rat colon using anti-HSP90 Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0.