

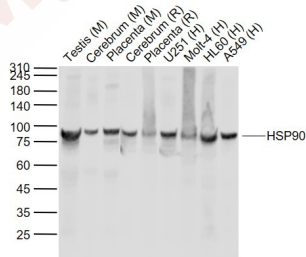
Anti-HSP90AA1 Antibody (5N776)

Product Details

Ig Type:	IgG1
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 81 kDa. Actual: 85 kDa.
Clone:	5N776
Purification:	Protein G purified

Applications

Sample:	Lane 1: Mouse Testis tissue lysates Lane 2: Mouse Cerebrum tissue lysates Lane 3: Mouse Placenta tissue lysates Lane 4: Rat Cerebrum tissue lysates Lane 5: Rat Placenta tissue lysates
Verified Activity:	Lane 6: Human U251 cell lysates Lane 7: Human Molt-4 cell lysates Lane 8: Human HL60 cell lysates Lane 9: Human A549 cell lysates Primary: Anti-HSP90 (TMAB-00896) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 81 kDa Observed band size: 85 kDa



Application:	IF,IHC-Fr,IHC-P,WB
Recommended	WB: 1:500-1000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human Hsp90
Antigen Species:	Human
Gene ID:	3320
Uniprot ID:	P07900
Synonyms:	Heat shock protein HSP 90-alpha;Heat shock 86 kDa (HSP 86;HSP86);HSPC1;HSP90A;HSP90AA1;Renal carcinoma antigen NY-REN-38;Heat shock protein family C member 1;HSPCA;Lipopolysaccharide-associated protein 2 (LAP-2;LPS-associated protein 2)
Biology Area:	MMPs,Tumor biomarkers,Heat Shock Proteins,Organelle Proteins

Research Background

Hsp90 (heat shock protein 90) is a molecular chaperone and is one of the most abundant proteins in unstressed cells. It is an ubiquitous molecular chaperone found in eubacteria and all branches of eukarya, but it is apparently absent in archaea. Whereas cytoplasmic Hsp90 is essential for viability under all conditions in eukaryotes, the bacterial homologue HtpG is dispensable under non-heat stress conditions.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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