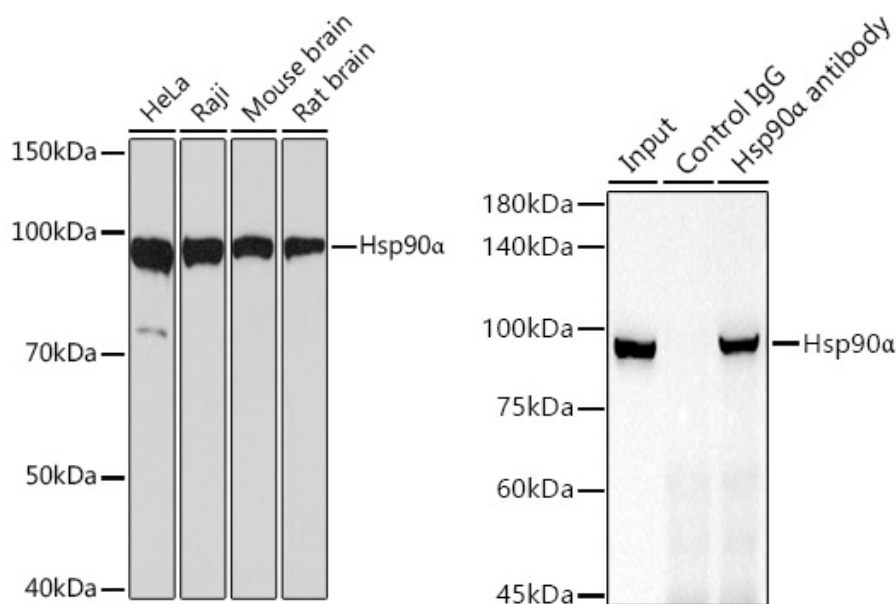


Product name:	HSP90 alpha Rabbit Monoclonal Antibody
Cat number:	MAB-80112
Conjugate:	Unconjugated
Size:	100 ug
Clone:	SJ-90
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Hsp90α
Reactivity:	Human, Mouse, Rat
Applications:	Western Blot: 1:500 - 1:2000 Immunoprecipitation: 1:500 - 1:1000
Molecular Weight:	90KDa
Purification:	Purified
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Background:	The protein encoded by this gene is an inducible molecular chaperone that functions as a homodimer. The encoded protein aids in the proper folding of specific target proteins by use of an ATPase activity that is modulated by co-chaperones. Two transcript variants encoding different isoforms have been found for this gene.



Western blot analysis of extracts of various cell lines, using Hsp90α Rabbit mAb at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus. Exposure time: 3s.

Immunoprecipitation analysis of 300ug extracts of 293T cells using 3ug Hsp90α antibody. Western blot was performed from the immunoprecipitate using Hsp90α antibody at a dilution of 1:1000.