

anti- HSP90 antibody

Product Information

Catalog No.:	FNab04052
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	4G10
IsoType:	IgG1
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

HSP90, encoded by HSP90AA1, is a constitutively and ubiquitously expressed molecular chaperone that is crucial for the stability and function of many proteins. HSP90 provides chaperoning activity for client proteins; many of them are members of oncogenic pathways, indicating its implication in tumor malignancy. HSP90 mainly resides in the cytosol, while it can also be released to the extracellular space. Secreted Hsp90 is a C-terminal truncated form. It has been reported that the level of plasma Hsp90 is positively correlated with tumor malignancy in clinical cancer patients, and can be a promising diagnostic marker for tumor malignancy in clinical application.

Immunogen information

Immunogen:	heat shock protein 90kDa alpha(cytosolic), class A member 1
Synonyms:	HSP 86, HSP86, Hsp89, HSP89A, HSP90, HSP90A, HSP90AA1, HSP90N, HSPC1, HSPCA, HSPCAL1, HSPCAL4, HSPN, LAP2
Observed MW:	90 kDa
Uniprot ID :	P07900

Application

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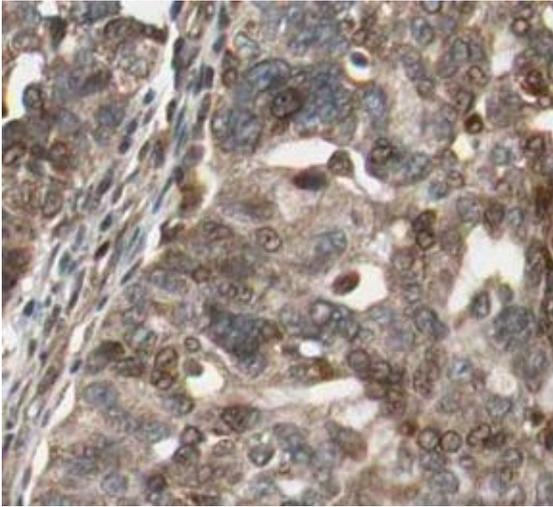
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Reactivity: Human, Mouse, Rat

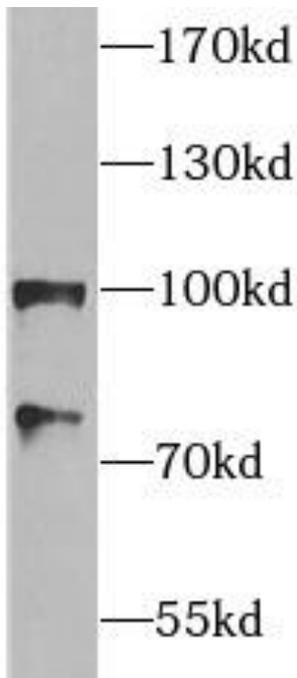
Tested Application: ELISA, WB, IHC, FC

Recommended dilution: WB: 1:1000-1:8000; IHC: 1:50-1:500

Image:



Immunohistochemistry of paraffin-embedded human ovary tumor tissue slide using FNab04052(HSP90 Antibody) at dilution of 1:200



HeLa cells were subjected to SDS PAGE followed by western blot with FNab04052(HSP90 Antibody) at dilution of 1:4000

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