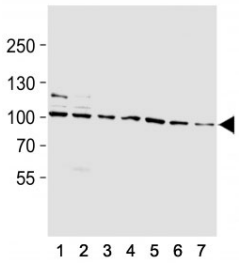
HSP90 Antibody / HSP90AA1 [clone 803CT9.1.2] (F52639)

Catalog No.	Formulation	Size
F52639-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52639-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, l
Clone Name	803CT9.1.2
Purity	Purified
UniProt	P07900
Applications	Western blot: 1:1000
Limitations	This HSP90 antibody is available for research use only.



Western blot analysis of lysate from (1) rat L6, (2) mouse NIH3T3, (3) T47D, (4) A2058, (5) HepG2, (6) K562, (7) HeLa cell line using HSP90 antibody at 1:1000.

Description

Heat Shock Protein 90 is a molecular chaperone that promotes the maturation, structural maintenance and proper regulation of specific target proteins involved for instance in cell cycle control and signal transduction. Undergoes a functional cycle that is linked to its ATPase activity. This cycle probably induces conformational changes in the client proteins, thereby causing their activation. Interacts dynamically with various co-chaperones that modulate its substrate recognition, ATPase cycle and chaperone function. Binds bacterial lipopolysaccharide (LPS) et mediates LPS-induced

inflammatory response, including TNF secretion by monocytes. [UniProt]

Learn more about HSP90AA1 expression, molecular chaperone function, protein folding, and cellular stress-response pathways on our HSP90AA1 Antibody / Heat Shock Protein 90 Alpha Antibody page.

Application Notes

Titration of the HSP90 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids from 150-400 of the human protein were used as the immunogen for this HSP90AA1 antibody.

Storage

Aliquot the HSP90 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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