

Datasheet for ABIN532952
anti-HSP90AA1 antibody[Go to Product page](#)[2 Images](#)[3 Publications](#)

Overview

Quantity:	100 µL
Target:	HSP90AA1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HSP90AA1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Purpose:	Mouse monoclonal antibody raised against full length recombinant HSP90AA1.
Immunogen:	Recombinant protein corresponding to full length human HSP90AA1.
Clone:	4F10
Isotype:	IgG2b
Cross-Reactivity:	Human

Target Details

Target:	HSP90AA1
Alternative Name:	HSP90AA1 / HSP90 alpha (HSP90AA1 Products)
Gene ID:	3320

Target Details

NCBI Accession:	NM_005348
Pathways:	M Phase, Regulation of Cell Size, Signaling Events mediated by VEGFR1 and VEGFR2, VEGFR1 Specific Signals

Application Details

Application Notes:	Immunohistochemistry (1:100-1:200) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

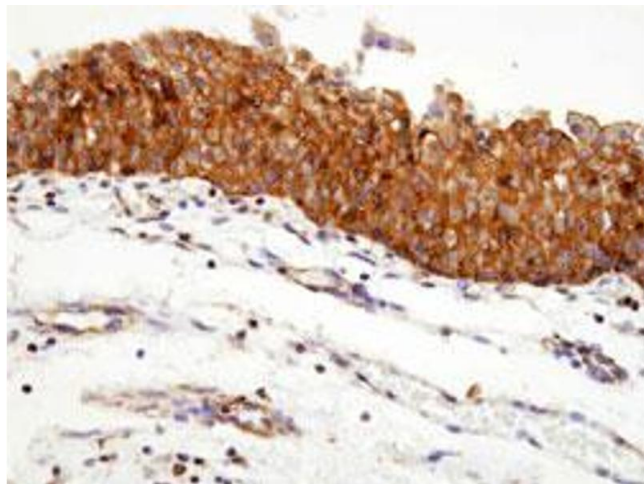
Handling

Format:	Liquid
Buffer:	In PBS, pH 7.4 (10 % glycerol, 0.02 % sodium azide).
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Publications

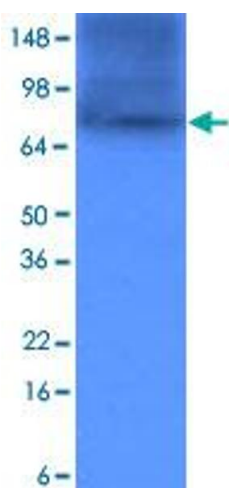
Product cited in:	Genovese, Gualandi, Taddia, Marverti, Pirondi, Marraccini, Perco, Pelà, Guerrini, Amoroso, Esposito, Martello, Ponterini, DArca, Costi: "Mass spectrometric/bioinformatic identification of a protein subset that characterizes the cellular activity of anticancer peptides." in: Journal of proteome research , Vol. 13, Issue 11, pp. 5250-61, (2014) (PubMed).
	Miyamoto, Nakayama, Imaki, Hirose, Jiang, Abe, Tsukiyama, Nagahama, Ohno, Hatakeyama, Nakayama: "Increased proliferation of B cells and auto-immunity in mice lacking protein kinase Cdelta." in: Nature , Vol. 416, Issue 6883, pp. 865-9, (2002) (PubMed).
	Pritchard, Ackerman, Gross, Stepp, Shi, Fontana, Baker, Sessa: "Heat shock protein 90 mediates the balance of nitric oxide and superoxide anion from endothelial nitric-oxide synthase." in: The

Images



Immunohistochemistry

Image 1. Paraffin embedded sections of human urothelium were incubated with HSP90AA1 monoclonal antibody, clone 4F10 (1:100) for 2 hours at room temperature. Antigen retrieval was performed in 0.1M sodium citrate buffer and detected using Diaminobenzidine (DAB).



Western Blotting

Image 2. Western blot analysis of cell lysates of HeLa (each 20 ug) was resolved by SDS - PAGE , transferred to PVDF membrane and probed with HSP90AA1 monoclonal antibody , clone 4F10 (1 : 1000) . Proteins were visualized using a goat anti - mouse secondary antibody conjugated to HRP and an ECL detection system.