abcam

Product datasheet

Anti-Hsp90 alpha antibody [4F10] ab48022

4 图像

概述

产品名称	Anti-Hsp90 alpha抗体[4F10]
描述	小鼠单克隆抗体[4F10] to Hsp90 alpha
宿主	Mouse
经测试应用	**适用于:** ELISA, WB, IHC-P, ICC/IF, Flow Cyt
种属反应性	**与反应:** Human
免疫原	Recombinant human Hsp90 (1-732aa) purified from E. coli.
阳性对照	HeLa lysate
常规说明	Abcam is committed to meeting high standards of ethical manufacturing and has decided to discontinue this product by June 2019 as it has been generated by the ascites method. We are sorry for any inconvenience this may cause.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
存储溶液	Preservative: 0.1% Sodium Azide pH 7.4
纯度	Ascites
纯化说明	By protein-G affinity chromatography
克隆	单克隆
克隆编号	4F10
骨髓瘤	Sp2/0
同种型	IgG2b
轻链类型	kappa

应用

The Abpromise guarantee	**Abpromise™承诺保证使用ab48022于以下的经测试应用**

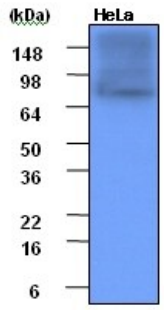
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ELISA		Use at an assay dependent concentration.
WB		1/1000 - 1/2000. Predicted molecular weight: 86 kDa.
IHC-P		1/100 - 1/200.
ICC/IF		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration.

靶标

功能	Molecular chaperone. Has ATPase activity.
序列相似性	Belongs to the heat shock protein 90 family.
翻译后修饰	ISGylated.
细胞定位	Cytoplasm. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

图片



Western blot - Anti-Hsp90 alpha antibody [4F10] (ab48022)

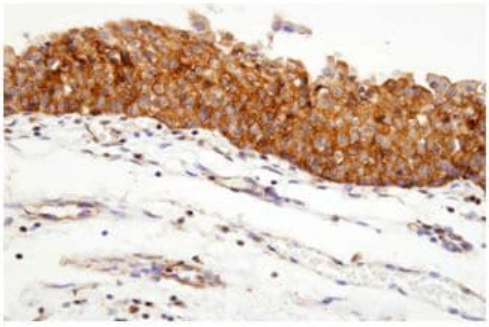
Anti-Hsp90 alpha antibody [4F10] (ab48022) at 1/1000 dilution + HeLa cell lysate at 20 µg

Secondary

Goat anti-mouse secondary antibody conjugated to HRP

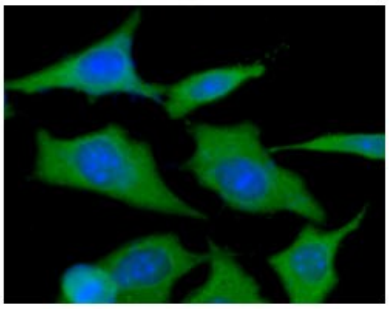
Developed using the ECL technique.

Predicted band size: 86 kDa
Observed band size: 86 kDa
Additional bands at: 100 kDa. We are unsure as to the identity of these extra bands.



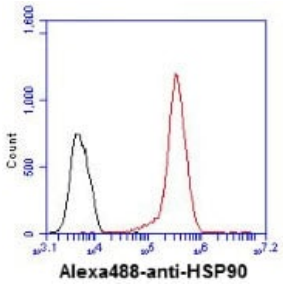
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Hsp90 alpha antibody [4F10] (ab48022)

ab48022 staining Hsp90 alpha in human urothelium tissue section by Immunohistochemistry (Formalin/PFA fixed paraffin-embedded sections). Tissue underwent antigen retrieval in 0.1M sodium citrate buffer. The primary antibody was used at 1/100 dilution and incubated with sample for 2 hours at 24°C. The DAB polymer detection system was used with a DAB chromogen.



Immunocytochemistry/ Immunofluorescence - Anti-Hsp90 alpha antibody [4F10] (ab48022)

Immunocytochemistry/Immunofluorescence analysis of HeLa cells labelling HSP90 with ab48022 at 1/100. An Alexa Fluor® 488-conjugated goat anti-rabbit IgG was used as the secondary antibody. DAPI (blue) was used as the nuclear counterstain.



Flow Cytometry - Anti-Hsp90 alpha antibody [4F10] (ab48022)

Flow Cytometry analysis of HepG2 cells labelling HSP90 with ab48022, staining at 2-5 µg/1x10^6 cells (red). A 488-conjugated goat anti-mouse IgG was used as the secondary antibody. Black - Isotype control, mouse IgG.

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