

Anti-HSPA4 Antibody

Catalog # AP95870

Product Information

Application	WB, IHC, FC, IF/IC
Primary Accession	P34932
Reactivity	Human, Mk
Host	Mouse
Clonality	Monoclonal
Calculated MW	94331

Additional Information

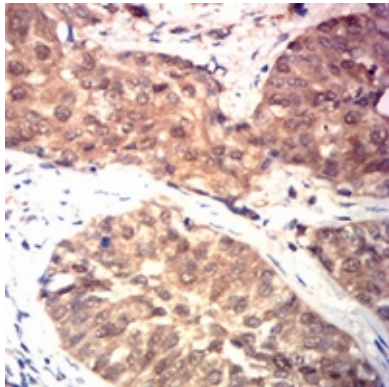
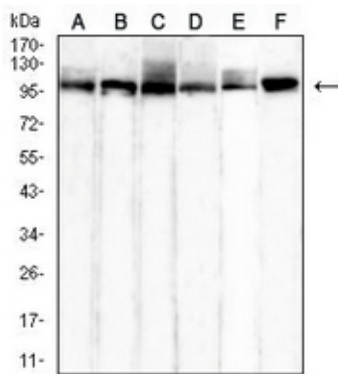
Gene ID	3308
Other Names	APG2; Heat shock 70 kDa protein 4; HSP70RY; Heat shock 70-related protein APG-2
Target/Specificity	Recombinant fusion protein of human HSPA4 expressed in HEK293
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~FC (1/100 - 1/200) IF/IC~~N/A
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

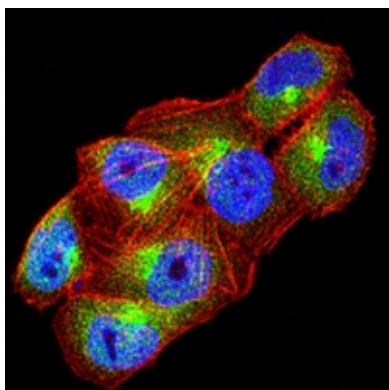
Name	HSPA4
Synonyms	APG2, HSPH2 {ECO:0000303 PubMed:18663603}
Cellular Location	Cytoplasm.

Images

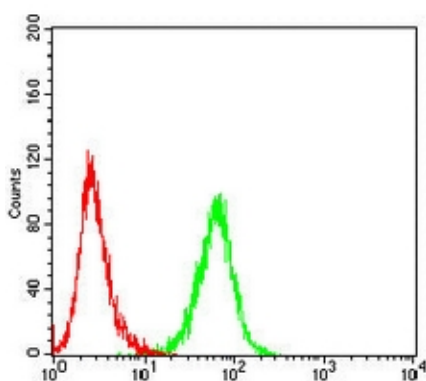
Western blot analysis of HSPA4 expression in Hela (A), HepG2 (B), HEK293 (C), COS7 (D), A549 (E), Jurkat (F) whole cell lysates. (Predicted band size: 94 kD; Observed band size: 100 kD)



Immunohistochemical analysis of HSPA4 staining in human bladder cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of HSPA4 staining in Hela cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



Flow cytometric analysis of Jurkat cells using Anti-HSPA4 Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.