

## HSPA4 Rabbit mAb

Catalog No: #49198

Package Size: #49198-1 50ul #49198-2 100ul

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## Description

Product Name	HSPA4 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SD0861
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	APG 2 antibody Epididymis secretory sperm binding protein Li 5a antibody Heat shock 70 kDa protein 4 antibody Heat shock 70 related protein APG 2 antibody Heat shock 70-related protein APG-2 antibody Heat shock protein, 110 kDa antibody HEL S 5a antibody HS24/P52 antibody hsp70 antibody Hsp70 RY antibody hsp70RY antibody HSP74_HUMAN antibody HSPA4 antibody HSPH2 antibody MGC131852 antibody RY antibody
Accession No.	Swiss-Prot#:P34932
Uniprot	P34932
GeneID	3308;
Calculated MW	94 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

## Application Details

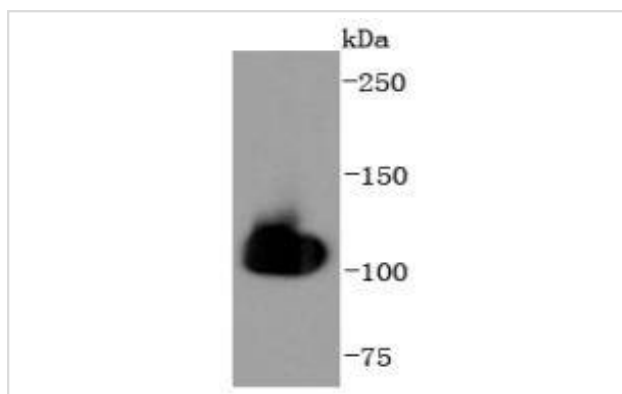
WB: 1:1,000-5,000

IHC: 1:50-1:200

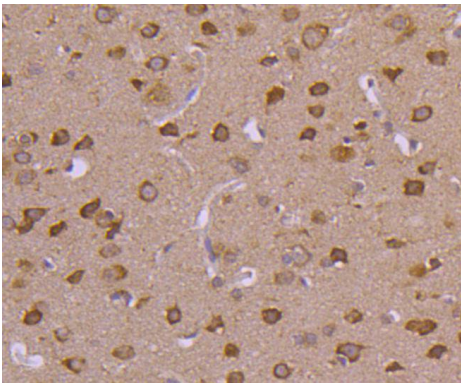
ICC: 1:100-1:500

FC: 1:50-1:100

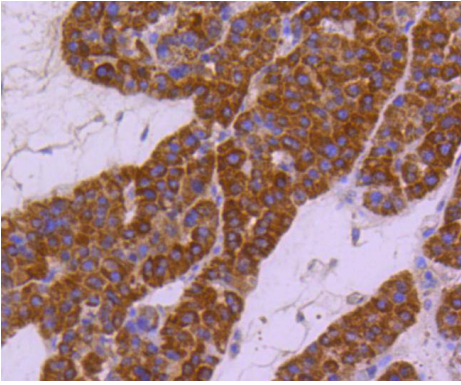
## Images



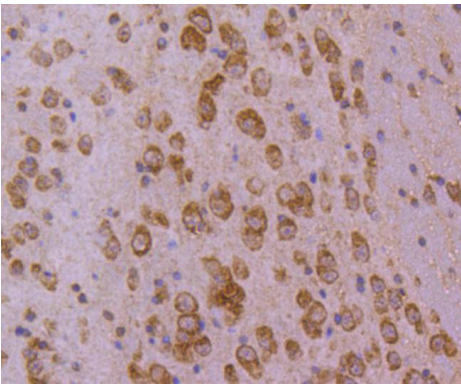
Western blot analysis of HSPA4 on HeLa cells lysates using anti-HSPA4 antibody at 1/1,000 dilution.



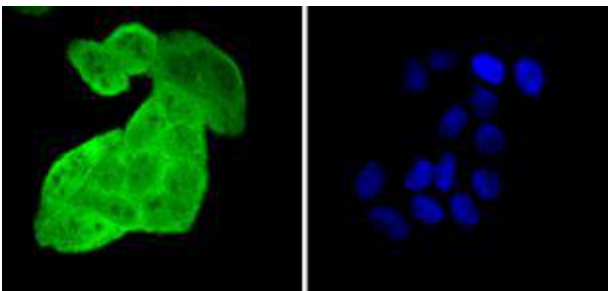
Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-HSPA4 antibody. Counter stained with hematoxylin.



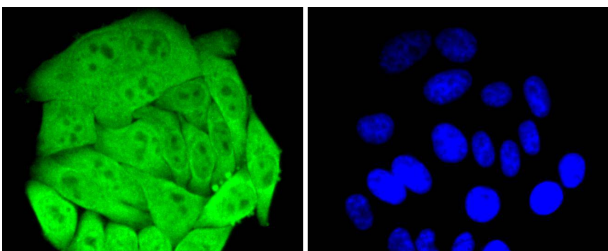
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue using anti-HSPA4 antibody. Counter stained with hematoxylin.



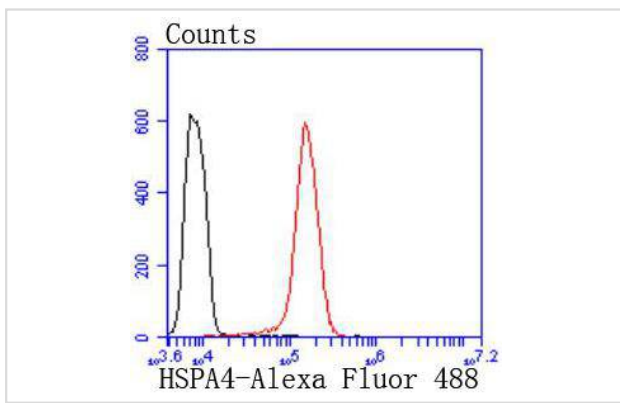
Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-HSPA4 antibody. Counter stained with hematoxylin.



ICC staining HSPA4 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining HSPA4 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of HeLa cells with HSPA4 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.

## Background

The heat shock proteins (HSPs) comprise a group of highly conserved, abundantly expressed proteins with diverse functions, which include the assembly and sequestering of multiprotein complexes, transportation of nascent polypeptide chains across cellular membranes and regulation of protein folding. Heat shock proteins (also known as molecular chaperones) fall into six general families: HSP 90, HSP 70, HSP 60, the low molecular weight HSPs, the immunophilins and the HSP 110 family. The HSP 110 family (also known as the HSP 105 family) is composed of HSP 105, Apg-1 and Apg-2.

## References

Note: This product is for in vitro research use only