

## anti- Hsc70 antibody

### Product Information

Catalog No.:	FNab09832
Size:	100 $\mu$ g
Form:	liquid
Purification:	Protein A+G purification
Purity:	$\geq$ 95% as determined by SDS-PAGE
Host:	Mouse
IsoType:	IgG1
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3 , -20 $^{\circ}$ C for 24 months (Avoid repeated freeze / thaw cycles.)

### Background

HSPA8 (also known as HSC70) is a member of the HSPA (HSP70) family of heat-shock proteins which are highly conserved chaperons implicated in protein folding, protein refolding, protein transport, and protein targeting. HSPA8 is a constitutively expressed cytosol/nuclear protein able to translocate between cytoplasm and nucleus. Recently it has been reported that HSPA8 can interact with  $\alpha$ -synuclein, the critical pathological protein of Parkinson's disease, indicating its implication in neurodegenerative disease. (21832061)

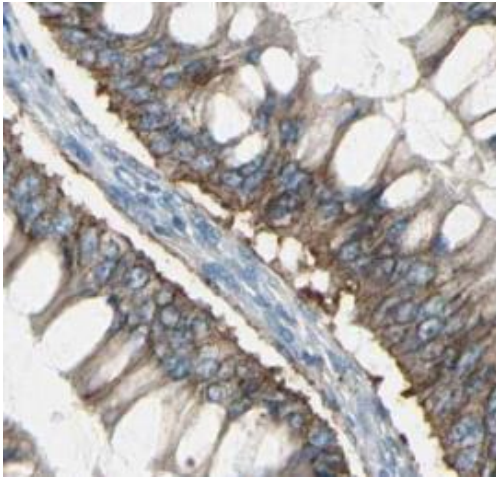
### Immunogen information

Immunogen:	Hsc70
Synonyms:	Heat shock 70 kDa protein 8, heat shock 70kDa protein 8, HSC54, Hsc70, HSC71, HSP71, HSP73, HSPA10, HSPA8, LAP1, NIP71
Calculated MW:	70 kDa
Uniprot ID :	P11142

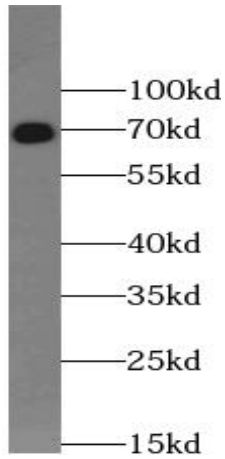
### Application

Specificity:	Human, Mouse, Rat; other species are not tested. Please decide the specificity by homology
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:3000-1:20000 IHC: 1:50-1:500

Image:



Immunohistochemistry of paraffin-embedded human ovary tumor tissue slide using FNab09832( Hsc70 Antibody) at dilution of 1:200



Hela cells were subjected to SDS PAGE followed by western blot with FNab09832(Hsc70 antibody) at dilution of 1:10000