

HSPB1 antibody

Product Information

Catalog No.:	FNab04044
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

HSPB1, also known as heat shock protein 27(Hsp27), belongs to the small heat shock protein family which is induced in response to environmental challenges or/and developmental transitions. It is also an anti-apoptotic protein that plays crucial roles in tumorigenesis and cell survival and is reported to be an independent prognosis marker for cancer. Recently HSPB1 has been found to be a valuable marker for melanoma. In addition to the predicted 27 kDa, an extra 50-55 kDa representing dimeric form of HSPB1 may also be observed.(21353161)

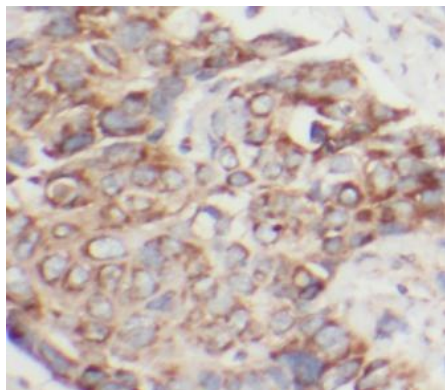
Immunogen information

Immunogen:	heat shock 27kDa protein 1
Synonyms:	Heat shock protein beta-1 (HspB1) 28 kDa heat shock protein Estrogen-regulated 24 kDa protein Heat shock 27 kDa protein (HSP 27) Stress-responsive protein 27 (SRP27) HSPB1 HSP27 HSP28
Observed MW:	27 kDa
Uniprot ID :	P04792

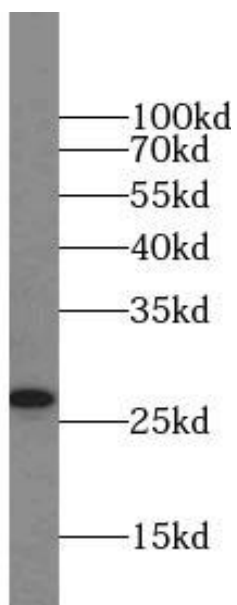
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB,IHC,IF
Recommended dilution:	WB: 1:500-1:3000; IHC: 1:50-1:500; IF: 1:10-1:100

Image:



Immunohistochemistry of paraffin-embedded human lung cancer tissue slide using FNab04044(HSP27 antibody) at dilution of 1:200



HeLa cells were subjected to SDS PAGE followed by western blot with FNab04044(HSPB1 antibody) at dilution of 1:1000