

HMGB1 antibody

Product Information

Catalog No.:	FNab03924
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

This gene encodes a protein that belongs to the High Mobility Group-box superfamily. The encoded non-histone, nuclear DNA-binding protein regulates transcription, and is involved in organization of DNA. This protein plays a role in several cellular processes, including inflammation, cell differentiation and tumor cell migration. Multiple pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants that encode the same protein.

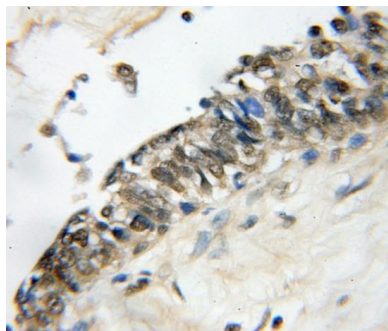
Immunogen information

Immunogen:	high-mobility group box 1
Synonyms:	High mobility group protein B1 High mobility group protein 1 (HMG-1) HMGB1 HMG1
Observed MW:	26 kDa
Uniprot ID :	P09429

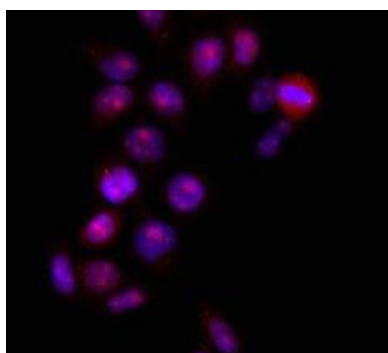
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF
Recommended dilution:	WB: 1:500 - 1:2000; IHC: 1:50 - 1:200; IF: 1:50 - 1:200

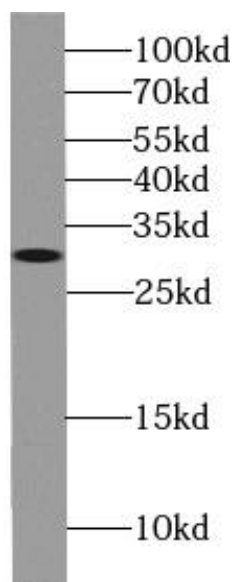
Image:



Immunohistochemistry of paraffin-embedded human breast cancer using FNab03924(HMGB1 antibody) at dilution of 1:100



Immunofluorescence analysis of HeLa cells using FNab03924 (HMGB1 antibody) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Jurkat cells were subjected to SDS PAGE followed by western blot with FNab03924(HMGB1 antibody) at dilution of 1:1000