

VIM antibody

Product Information

Catalog No.:	FNab09409
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

Vimentin, also named as VIM, belongs to the intermediate filament family. Vimentin is class-III intermediate filaments found in various non-epithelial cells, especially mesenchymal cells. Vimentin is important for stabilizing the architecture of the cytoplasm. Monocyte-derived macrophages secrete vimentin into the extracellular space in vitro. Secretion of vimentin was enhanced by the proinflammatory cytokine tumor necrosis factor- α (TNF α ; 191160) and inhibited by the antiinflammatory cytokine IL10(124092), suggesting that vimentin is involved in the immune response. Vimentin has specialized functions that contribute to specific dynamic cellular processes. As a phosphoprotein, 55-60 kDa of vimentin proteins can be observed due to the different phosphorylation level.

Immunogen information

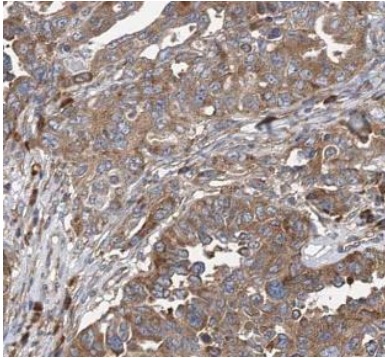
Immunogen:	vimentin
Synonyms:	Vimentin VIM
Observed MW:	55 kDa
Uniprot ID :	P08670

Application

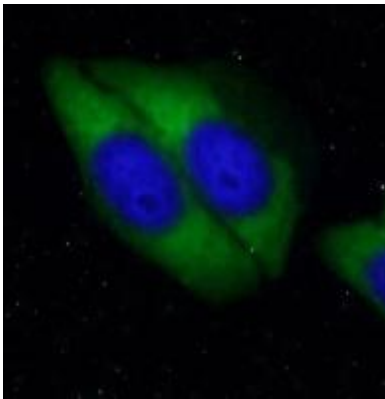
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200; IF: 1:50 - 1:200

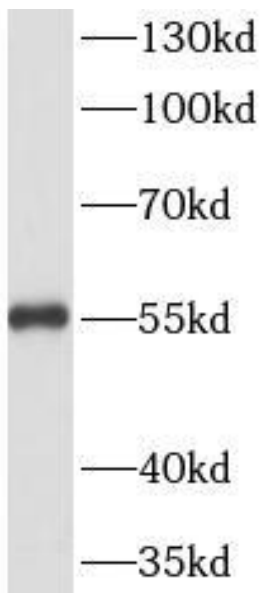
Image:



Immunohistochemistry of paraffin-embedded human ovary cancer using FNab09409(VIM antibody) at dilution of 1:100



Immunofluorescent analysis of HepG2 cells, using FNab09409(VIM antibody) at 1:25 dilution



HeLa cells were subjected to SDS PAGE followed by western blot with FNab09409(VIM antibody) at dilution of 1:1000