

anti- Vimentin antibody

Product Information

Catalog No.:	FNab09410
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	2G10
IsoType:	IgG1
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-alpha(TNFA; 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:	FLJ36605, VIM, Vimentin
Observed MW:	55 kDa
Uniprot ID :	P08670

Application

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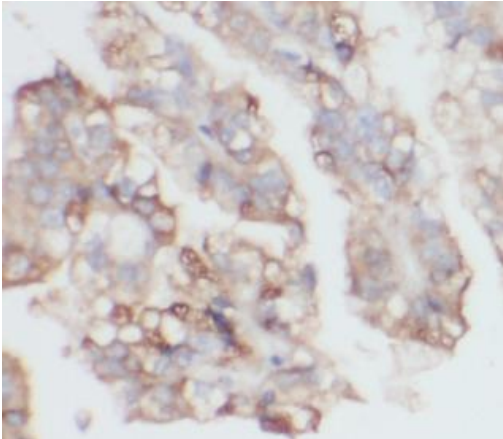
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Reactivity: Human, Mouse, Rat

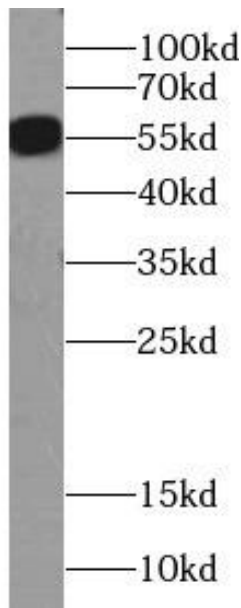
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:1000-1:10000; IHC: 1:200-1:2000; IF: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human renal cell carcinoma tissue slide using FNab09410(Vimentin Antibody) at dilution of 1:500.



Jurkat cells were subjected to SDS PAGE followed by western blot with FNab09410(Vimentin Antibody) at dilution of 1:2000

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