

anti- Vimentin antibody

Product Information

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|---------------|---|
| 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-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

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|--------------|-------------------------|
| Immunogen: | vimentin |
| Synonyms: | FLJ36605, VIM, Vimentin |
| Observed MW: | 55 kDa |
| UniprotID : | P08670 |

Application

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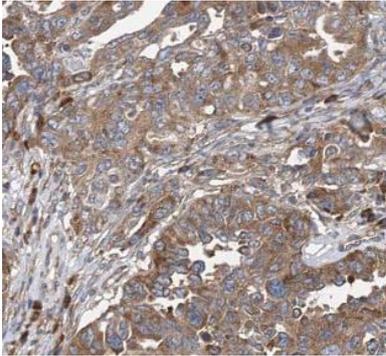
Fax: (0086)027-87800889 www.fn-test.com

Reactivity: Human, Mouse, Rat

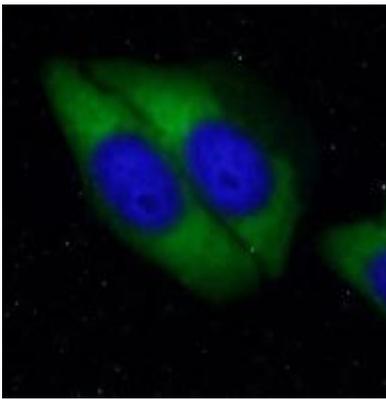
Tested Application: ELISA, WB, IHC, IF

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



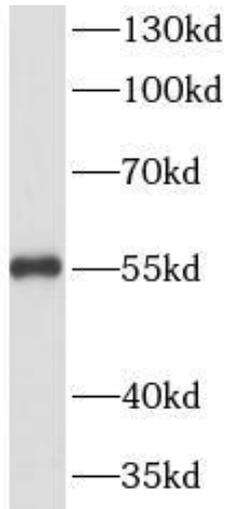
Immunofluorescent analysis of HepG2 cells, using FNab09409(VIM antibody) at 1:25 dilution

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

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