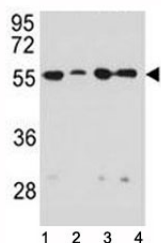


Vimentin Antibody (F52051)

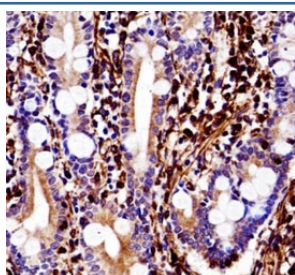
Catalog No.	Formulation	Size
F52051-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52051-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

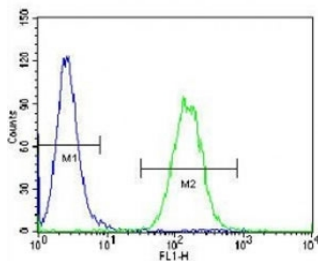
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P08670
Applications	Western Blot : 1:2000 IHC (Paraffin) : 1:50 Flow Cytometry : 1:50 Immunofluorescence : 1:50
Limitations	This Vimentin antibody is available for research use only.



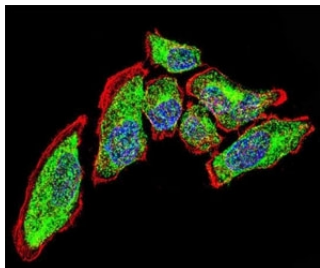
Vimentin antibody western blot analysis in 1) HeLa, 2) U251, 3) A549, and 4) MDA-MB231 lysate



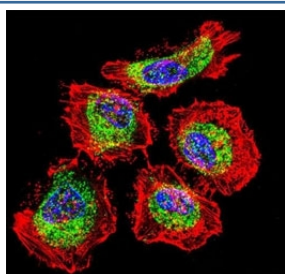
Vimentin antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human small intestine tissue



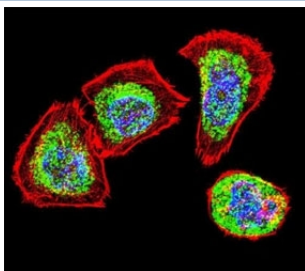
Vimentin antibody flow cytometric analysis of A549 cells (right histogram) compared to a negative control (left histogram).



Confocal immunofluorescent analysis of Vimentin antibody with A549 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 Phalloidin (red). DAPI was used as a nuclear counterstain (blue).



Confocal immunofluorescent analysis of Vimentin antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 Phalloidin (red). DAPI was used as a nuclear counterstain (blue).



Confocal immunofluorescent analysis of Vimentin antibody with U251 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 Phalloidin (red). DAPI was used as a nuclear counterstain (blue).

Description

This gene encodes a member of the intermediate filament family. Intermediate filaments, along with microtubules and actin microfilaments, make up the cytoskeleton. The protein encoded by this gene is responsible for maintaining cell shape, integrity of the cytoplasm, and stabilizing cytoskeletal interactions. It is also involved in the immune response, and controls the transport of low-density lipoprotein (LDL)-derived cholesterol from a lysosome to the site of esterification. It functions as an organizer of a number of critical proteins involved in attachment, migration, and cell signaling. Mutations in this gene causes a dominant, pulverulent cataract.

Application Notes

Titration of the Vimentin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This Vimentin antibody was produced from rabbits immunized with human Vimentin recombinant protein.

Storage

Aliquot the Vimentin antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

