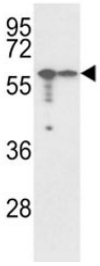
VIM Antibody (F48163)

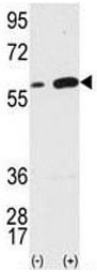
Catalog No.	Formulation	Size
F48163-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F48163-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

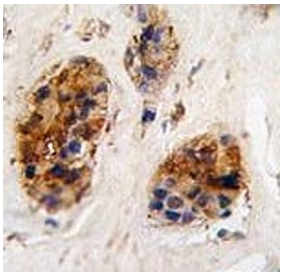
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rat, Bovine, Pig, Hamster
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P08670
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50 Flow Cytometry : 1:10-1:50
Limitations	This VIM antibody is available for research use only.



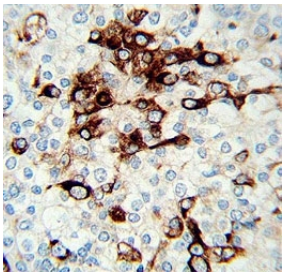
Western blot analysis of VIM antibody and A2058, A375 lysate.



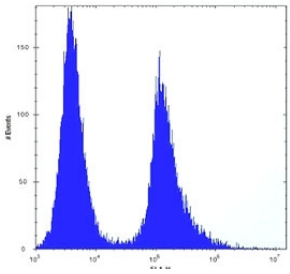
Western blot analysis of VIM antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the VIM gene (2).



IHC analysis of FFPE human breast carcinoma tissue stained with VIM antibody



VIM antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate tissue.



VIM antibody flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC secondary Ab was used.

Description

Vimentins are class-III intermediate filaments found in various non-epithelial cells, especially mesenchymal cells. Vimentin is attached to the nucleus, endoplasmic reticulum, and mitochondria, either laterally or terminally. It is involved with LARP6 in the stabilization of type I collagen mRNAs for CO1A1 and CO1A2. [UniProt]

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the VIM antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 152-181 from the human protein was used as the immunogen for this VIM antibody.

Storage

For long term storage, aliquot the VIM antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.