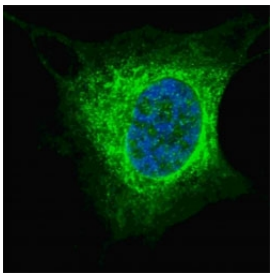
Vimentin Antibody (F48161)

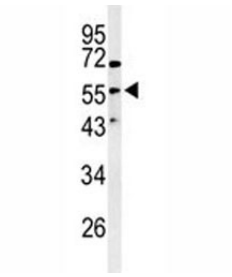
Catalog No.	Formulation	Size
F48161-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F48161-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

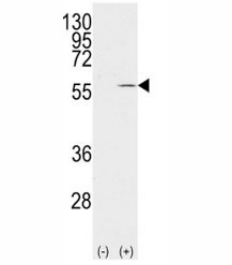
Availability	1-3 business days
Species Reactivity	Human, Mouse
Predicted Reactivity	Bovine, Hamster, Primate, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P08670
Applications	Immunofluorescence : 1:200 Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50
Limitations	This Vimentin antibody is available for research use only.



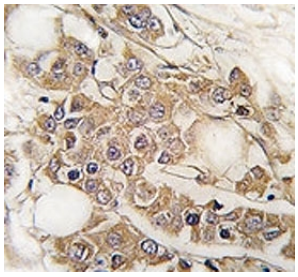
Fluorescent confocal image of SY5Y cells stained with Vimentin antibody at 1:200. The immunosignal is localized to the cytoskeleton.



Western blot analysis of Vimentinin antibody and HeLa lysate



Western blot analysis of Vimentin 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 Vimentin antibody

Description

Along with the microfilaments (actins) and microtubules (tubulins), the intermediate filaments represent a third class of well-characterized cytoskeletal elements. The subunits display a tissue-specific pattern of expression. Desmin is the subunit specific for muscle and vimentin the subunit specific for mesenchymal tissue.

Application Notes

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

Immunogen

A portion of amino acids 63-90 from the human protein was used as the immunogen for this Vimentin antibody.

Storage

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