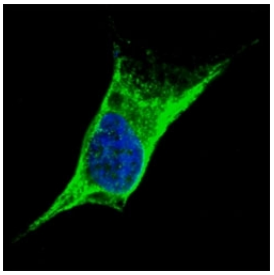
Anti-Vimentin Antibody (F48162)

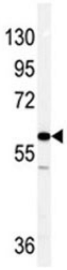
Catalog No.	Formulation	Size
F48162-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F48162-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

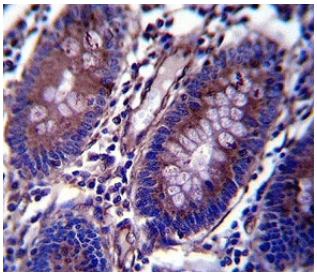
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Bovine, Chicken, Hamster, Mouse, Pig, Primate, Rat, Xenopus
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P08670
Applications	Immunofluorescence : 1:100 Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50 Flow Cytometry : 1:10-1:50
Limitations	This anti-Vimentin antibody is available for research use only.



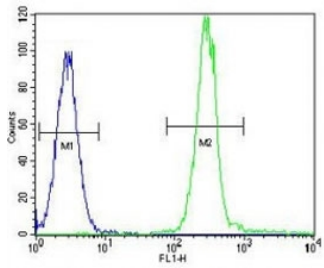
Fluorescent confocal image of SY5Y cells stained with anti-Vimentin antibody at 1:100. Vimentin is localized to the cytoskeleton.



Western blot analysis of anti-Vimentin antibody and NCI-H460 lysate



Anti-Vimentin antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human colon tissue.



Anti-Vimentin antibody flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

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

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

Immunogen

A portion of amino acids 430-457 from the human protein was used as the immunogen for this anti-Vimentin antibody.

Storage

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

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com