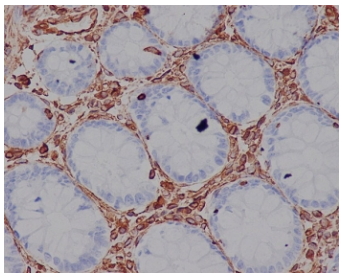
VIM Antibody / Vimentin [clone AGF-22] (RQ5250)

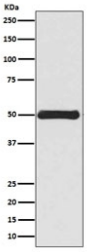
Catalog No.	Formulation	Size
RQ5250	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AGF-22
Purity	Affinity purified
UniProt	P08670
Localization	Cytoplasmic, nuclear, cell membrane
Applications	Western Blot : 1:500-1:2000 Immunohistochemistry (FFPE) : 1:50-1:200 Immunofluorescence : 1:50-1:200
Limitations	This VIM antibody is available for research use only.



IHC staining of FFPE human colon tissue with VIM antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



Western blot testing of human HEK293 cell lysate with VIM antibody. Expected molecular weight: 53-58 kDa.

Immunofluorescent staining of human HeLa cells with VIM antibody (green) and DAPI nuclear stain (blue).

Description

The VIM gene encodes a type III intermediate filament protein. Intermediate filaments, along with microtubules and actin microfilaments, make up the cytoskeleton. The encoded protein is responsible for maintaining cell shape and integrity of the cytoplasm, and stabilizing cytoskeletal interactions. This protein is involved in neuritogenesis and cholesterol transport and functions as an organizer of a number of other critical proteins involved in cell attachment, migration, and signaling. [RefSeq]

Application Notes

Optimal dilution of the VIM antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human Vimentin / VIM was used as the immunogen for the VIM antibody.

Storage

Store the VIM antibody at -20oC.

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