Recombinant Vimentin/VIM Monoclonal Antibody

catalog number: **AN300103P**

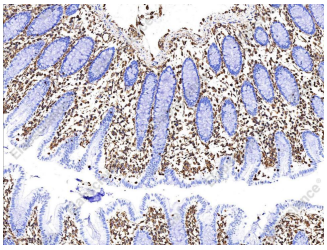
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

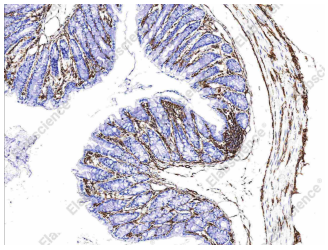
Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide corresponding to the center region of the Human Vimentin/VIM
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110078
Purification	Protein A
Conjugation	Unconjugated
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
WB:	1:1000；IHC: 1:200-1:500；ICC/IF: 1:100；FC: 1:100

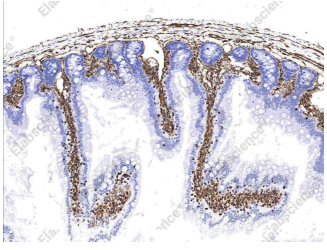
Data



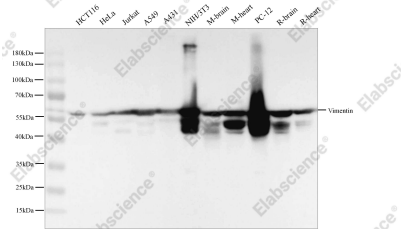
Immunohistochemical analysis of paraffin-embedded Human colon tissue sections using Vimentin/VIM Antibody (AN300103P) at a dilution of 1:300 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Immunohistochemical analysis of paraffin-embedded Mouse colon tissue sections using Vimentin/VIM Antibody (AN300103P) at a dilution of 1:300 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



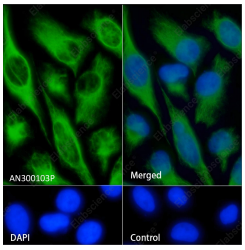
Immunohistochemical analysis of paraffin-embedded Rat colon tissue sections using Vimentin/VIM Antibody (AN300103P) at a dilution of 1:300 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Western blot analysis of HCT116,HeLa,Jurkat,A549,A431,NIH/3T3,Mouse brain,Mouse heart,PC12,Rat brain and Rat heart cell lysates using Vimentin/VIM Antibody (AN300103P) at a dilution of 1:1000.

Observed-MW:54 kDa

Calculated-MW:54 kDa



Immunofluorescent analysis of HeLa cells (green), and DAPI (blue).

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

This 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. Bacterial and viral pathogens have been shown to attach to this protein on the host cell surface. Mutations in this gene are associated with congenital cataracts in human patients. [provided by RefSeq, Aug 2017]

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