

Anti-VIM antibody

Cat. No.	ml220268
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-VIM rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human VIM
Reactivity	Human, Mouse, Rat
Content	1 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	VIM
Full name	vimentin

Synonyms

Swissprot P08670

Target 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.

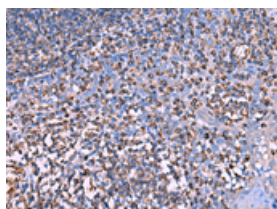
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human tonsil

Recommended dilution: 50-300



The image is immunohistochemistry of paraffin-embedded Human tonsil tissue using ml220268(VIM Antibody) at dilution 1/60. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 54 kDa

Positive control: Hela cell lysate

Recommended dilution: 2000-5000

Gel: 8% SDS-PAGE

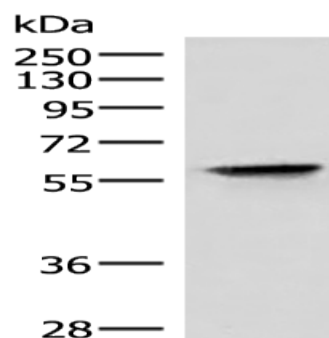
Lysate: 40 μ g

Lane: Hela cell lysate

Primary antibody: ml220268(VIM Antibody) at dilution 1/4000

Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution

Exposure time: 1 second



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ELISA

Recommended dilution: 5000-10000

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