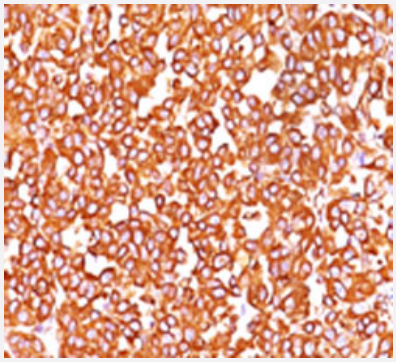
VIM monoclonal antibody, clone SPM576

Catalog # MAB12064 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human melanoma with VIM monoclonal antibody, clone SPM576 (Cat# MAB12064).

Specification

Product Description	Mouse monoclonal antibody raised against recombinant VIM.
Immunogen	Recombinant protein corresponding to human VIM.
Host	Mouse
Theoretical MW (kDa)	57-60
Reactivity	Bovine, Dog, Human, Pig
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1
Recommend Usage	Immunohistochemistry (0.5-1 ug/mL) Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% BSA, 0.05% sodium azide).

Storage Instruction	Store at 4°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human melanoma with VIM monoclonal antibody, clone SPM576 (Cat# MAB12064).

Gene Info — VIM

Entrez GeneID	7431
Gene Name	VIM
Gene Alias	FLJ36605
Gene Description	vimentin
Omim ID	193060
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the intermediate filament family. Intermediate filamentents, along with microtubules and actin microfilaments, make up the cytoskeleton. The protein encoded by thi s gene is responsible for maintaining cell shape, integrity of the cytoplasm, and stabilizing cytoske letal interactions. It is also involved in the immune response, and controls the transport of low-dens ity lipoprotein (LDL)-derived cholesterol from a lysosome to the site of esterification. It functions a s an organizer of a number of critical proteins involved in attachment, migration, and cell signaling. Mutations in this gene causes a dominant, pulverulent cataract
Other Designations	OTTHUMP00000019224

Disease

- Alzheimer disease
- Anorexia Nervosa

- Bulimia
- Cognition
- Genetic Predisposition to Disease