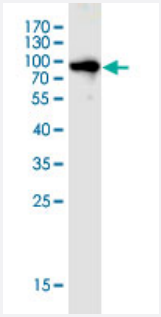
VIM monoclonal antibody (M14), clone 4C7

Catalog # H00007431-M14 Size 100 ug

Applications



Western Blot detection against Immunogen.

Specification

Product Description	Mouse monoclonal antibody raised against human VIM.
Immunogen	A synthetic peptide corresponding to human VIM
Sequence	RQDVDNASLARLDLERKVES
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (100); Rat (100)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

  Protocol Download

- ELISA

Gene Info — VIM

Entrez GeneID	7431
GeneBank Accession#	NM_003380.5
Protein Accession#	NP_003371.2
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