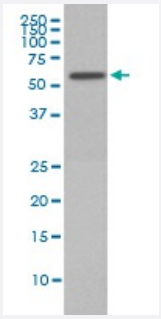
VIM (phospho S72) monoclonal antibody, clone ADE-22

Catalog # MAB20586 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of HeLa cell lysates treated with Calyculin A using VIM (phospho S72) monoclonal antibody, clone ADE-22.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic phosphopeptide of human VIM.
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding S72 of human VIM.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunoprecipitation (1:50) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.4-0.5 mg/mL BSA, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. 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 (Cell lysate)

  Western Blot analysis of HeLa cell lysates treated with Calyculin A using VIM (phospho S72) monoclonal antibody, clone ADE-22.

- Immunoprecipitation

Gene Info — VIM

Entrez GeneID	7431
Protein Accession#	P08670
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