

Cell-Surface Vimentin (CSV) monoclonal antibody (Alexa 488)

Catalog # MAB23673-M01 Size 50 ug

Applications



Immunofluorescence

Immunofluorescence staining performed on CTCs from the patient recoverd by SuperSlide[™]. CSV was detected via green signal (Alexa 488).



Sandwich ELISA

Sandwich ELISA performed with CSV recombinant protein and CSV monoclonal antibody (Alexa 488)



Immunofluorescence

Immunofluorescence staining performed on PC-3 cells using Cell-Surface Vimentin (CSV) monoclonal antibody (Alexa 488) (10 ug/mL).

Specification	
Product Description	Alexa 488 conjugated cell-surface vimentin (CSV) mouse monoclonal antibody.
Amenable Platform	LiquidCell™ negative enrichment cell isolation

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Product Information

Immunogen	Human recombinant vimentin
Host	Mouse
Form	Liquid
Conjugation	Alexa 488
Concentration	0.5 mg/mL
lsotype	lgG2b, kappa
Available Test	16 assays
Quality Control Testing	Results Sandwich ELISA Sandwich ELISA performed with CSV recombinant protein and CSV monoclonal antibody (Alexa 48 8) Immunofluorescence Immunofluorescence staining performed on PC-3 cells using Cell-Surface Vimentin (CSV) monoclon al antibody (Alexa 488) (10 ug/mL).
Recommend Usage	lmmunofluorescence (10 ug/mL) LiquidCell™ SuperSlide™ (6 uL per slide)
Regulatory Status	Research Use Only
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at 2-8°C. Do not freeze.
Instrument Compatibility	Ventana™ BenchMark Stainer
Note	Cell-Surface Vimentin (CSV) antibody is a pending MD Anderson patent which has been exclusively licensed to Abnova Corporation.

Applications

Immunofluorescence

Immunofluorescence staining performed on CTCs from the patient recoverd by SuperSlide™. CSV was detected via green signal (Alexa 488).

Gene Info – VIM Entrez GenelD 7431

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Product Information

Gene Name	VIM
Gene Alias	FLJ36605
Gene Description	vimentin
Omim ID	<u>193060</u>
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	OTTHUMP0000019224

Disease

- <u>Alzheimer disease</u>
- <u>Anorexia Nervosa</u>
- Bulimia
- <u>Cognition</u>
- Genetic Predisposition to Disease