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Datasheet

VIM monoclonal antibody, clone VI-RE/1 (PE)

Catalog Number: MAB4527

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against recombinant VIM.

Clone Name: VI-RE/1

Immunogen: Recombinant protein corresponding to human VIM.

Host: Mouse

Theoretical MW (kDa): 57

Reactivity: Human

Applications: ELISA, Flow Cyt, ICC, WB
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Specificity: This antibody reacts with human vimentin, a 57 KDa intermediate filament protein expressed on a wide variety of mesenchymal and mesodermal cell types.

Form: Liquid

Conjugation: PE

Concentration: 0.1 mg/mL

Isotype: IgG1

Recommend Usage: Flow Cytometry (10 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.2% BSA, 0.09% sodium azide)

Storage Instruction: Store in the dark at 4°C. Do not freeze.
Avoid prolonged exposure to light.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 7431

Gene Symbol: VIM

Gene Alias: FLJ36605

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 this gene is responsible for maintaining cell shape, integrity of the cytoplasm, and stabilizing cytoskeletal interactions. It is also involved in the immune response, and controls the transport of low-density lipoprotein (LDL)-derived cholesterol from a lysosome to the site of esterification. It functions as an organizer of a number of critical proteins involved in attachment, migration, and cell signaling. Mutations in this gene causes a dominant, pulverulent cataract]