

Product Data Sheet: Vimentin Rabbit Polyclonal Antibody

Cat. No: AB-84199

Conjugate: Unconjugated

Size: 100 ug

Clone: POLY

Concentration: 1mg/ml

Host: Rabbit

Isotype: IgG

Immunogen: The antiserum was produced against synthesized peptide derived from human

Vimentin. AA range:56-105

Reactivity: Hu, Ms

Applications: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.

Immunofluorescence: 1/200 - 1/1000.

Molecular Weight: 50-57kD

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Synonyms: CTRCT30;HEL113;Vimentin;VIM;vimentin

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

Form: Liquid

Background:

Buffer: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Storage: Store at -20°C. Avoid repeated freeze-thaw cycles.

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