

## Datasheet

### Cell-Surface Vimentin (CSV) monoclonal antibody, clone 84-1 (Biotin)

**Catalog Number:** H00007431-MB08

**Regulatory Status:** For research use only (RUO)

**Product Description:** Biotin conjugated mouse monoclonal antibody recognizes human cell-surface vimentin (CSV).

**Clone Name:** 84-1

**Immunogen:** Human recombinant vimentin

**Host:** Mouse

**Reactivity:** Human

**Applications:** Flow Cyt, IF  
(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

**Form:** Liquid

**Conjugation:** Biotin

**Isotype:** IgG2b, kappa

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at 4°C. 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 filaments, 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]