

Datasheet

EPCAM monoclonal antibody, clone VU-1D9 (FITC)

Catalog Number: MAB9992

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against EPCAM.

Clone Name: VU-1D9

Immunogen: Small cell lung carcinoma cell line H69.

Host: Mouse

Reactivity: Human

Applications: Flow Cyt, IF-CTC

(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 strongly stains various normal epithelial cells and carcinomas.

Form: Liquid

Conjugation: FITC

Isotype: IgG1

Recommend Usage: Flow cytometry (20 ul reagent / 100 ul of whole blood or 10⁶ cells)

The optimal working dilution should be determined by the end user.

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

Storage Instruction: Store in the dark at 4°C. Avoid prolonged exposure to light. Do not freeze.

Entrez GeneID: 4072

Gene Symbol: EPCAM

Gene Alias: 17-1A, 323/A3, CD326, CO-17A, CO17-1A, EGP, EGP-2, EGP34, EGP40, ESA, Ep-CAM, GA733-2, HEA125, KS1/4, KSA, M4S1, MH99, MIC18, MK-1, MOC31, TACST-1, TACSTD1, TROP1, hEGP-2

Gene Summary: This gene encodes a carcinoma-associated antigen and is a member of a family that includes at least two type I membrane proteins. This antigen is expressed on most normal epithelial cells and gastrointestinal carcinomas and functions as a homotypic calcium-independent cell adhesion molecule. The antigen is being used as a target for immunotherapy treatment of human carcinomas. Mutations in this gene result in congenital tufting enteropathy. [provided by RefSeq]