

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

Catalog # MAB9992

Size 100 Reactions

## Specification

Product Description	Mouse monoclonal antibody raised against EPCAM.
Immunogen	Small cell lung carcinoma cell line H69.
Host	Mouse
Reactivity	Human
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 10 <sup>6</sup> 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.

## Applications

- Flow Cytometry
- Immunofluorescence (Circulating Tumor Cell)

## Gene Info — EPCAM

Entrez GeneID

[4072](#)

Gene Name	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 Description	epithelial cell adhesion molecule
Omim ID	<a href="#">185535</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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]</p>
Other Designations	adenocarcinoma-associated antigen carcinoma-associated antigen GA733-2 human epithelial glycoprotein-2 membrane component, chromosome 4, surface marker (35kD glycoprotein) tumor-associated calcium signal transducer 1

## Disease

- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)