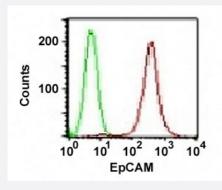


EPCAM monoclonal antibody, clone SPM134 (PE)

Catalog # MAB13017 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of HT-29 cell with EPCAM monoclonal antibody, clone SPM134 (PE) (Cat # MAB13017) (red). Black: cells alone. Green: isotype control.

Specification	
Product Description	Mouse monoclonal antibody raised against native human EPCAM.
Immunogen	Small cell lung carcinoma cells.
Host	Mouse
Reactivity	Human
Form	Liquid
Conjugation	PE
Purification	Protein A/G purification
Isotype	lgG1, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/million cells in 0.1 mL) Immunofluorescence (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% BSA, 0.05% sodium azide).



Product Information

Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunofluorescence
- Flow Cytometry

Flow cytometric analysis of HT-29 cell with EPCAM monoclonal antibody, clone SPM134 (PE) (Cat # MAB13017) (red). Black: cells alone. Green: isotype control.

Gene Info — EPCAM	
Entrez GenelD	4072
Protein Accession#	P16422
Gene Name	EPCAM
Gene Alias	17-1A, 323/A3, CD326, CO-17A, CO17-1A, EGP, EGP-2, EGP34, EGP40, ESA, Ep-CAM, GA7 33-2, HEA125, KS1/4, KSA, M4S1, MH99, MIC18, MK-1, MOC31, TACST-1, TACSTD1, TROP 1, hEGP-2
Gene Description	epithelial cell adhesion molecule
Omim ID	<u>185535</u>
Gene Ontology	<u>Hyperlink</u>
Gene Summary	This gene encodes a carcinoma-associated antigen and is a member of a family that includes at I east 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 mol ecule. 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
Other Designations	adenocarcinoma-associated antigen carcinoma-associated antigen GA733-2 human epithelial gl ycoprotein-2 membrane component, chromosome 4, surface marker (35kD glycoprotein) tumor-a ssociated calcium signal transducer 1

Disease



- Genetic Predisposition to Disease
- Ovarian Neoplasms