

EPCAM monoclonal antibody, clone ESA 214 (FITC)

Catalog # MAB10249 Size 500 uL

Specification

Product Description	Mouse monoclonal antibody raised against EPCAM.
Immunogen	Native purified EPCAM from small cell lung carcinoma.
Host	Mouse
Theoretical MW (kDa)	40
Reactivity	Human
Form	Liquid
Conjugation	FITC
Purification	Protein A purification
Isotype	IgG1, kappa
Recommend Usage	Immunocytochemistry (1:50-1:100) Immunohistochemistry (1:50-1:100) Immunofluorescence (1:10-1:20) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (1% BSA, 0.05% sodium azide)
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry
- Immunocytochemistry

- Immunofluorescence

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	185535
Gene Ontology	Hyperlink
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]
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](#)