

Datasheet

EPCAM monoclonal antibody, clone ESA 214 (FITC)

Catalog Number: MAB10249

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against EPCAM.

Clone Name: ESA 214

Immunogen: Native purified EPCAM from small cell lung carcinoma.

Host: Mouse

Theoretical MW (kDa): 40

Reactivity: Human

Applications: ICC, IF, IHC
(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: 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.

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]