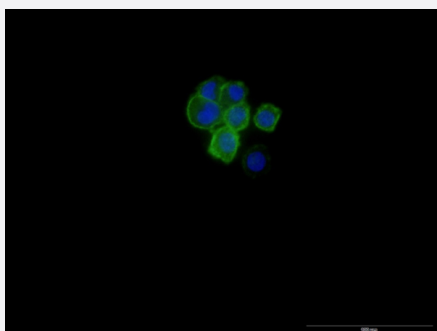


EPCAM monoclonal antibody (M14), clone 2F10

Catalog # H00004072-M14

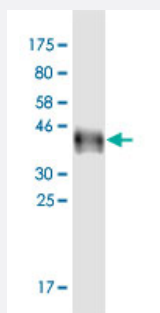
Size 100 ug

Applications



Immunofluorescence

Immunofluorescence of monoclonal antibody to EPCAM on SK-BR-3 cell .
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (29.7 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant EPCAM.

Immunogen

EPCAM (NP_002345.1, 24 a.a. ~ 265 a.a) partial recombinant protein with his-flag-strepll tag.

Sequence

QEECV CENYKLA VNC FVNNRQCQCTSVGAQNTVICS KLA AKCLVMKAEMNGSKLGRRAKPEG
ALQNDGLYDPDCDESGLFKAKQCNGTSTCWCVNTAGVRRTDKDEITCSERVRTYWIIILKHKA
REKPYDSKSLRTALQKEITTRYQLDPKFITSILYENNVITIDLQNSSQKTQNDVDIADVAYYFEKDVK
GESLFHSHKMDLTVNGEQLDLDPGQTLIYYVDEKAPEFSMQGLK

Host

Mouse

Reactivity

Human

Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (29.7 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to EPCAM on SK-BR-3 cell . [antibody concentration 10 ug/ml]

Gene Info — EPCAM

Entrez GeneID	4072
GeneBank Accession#	NM_002354.1
Protein Accession#	NP_002345.1
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	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](#)