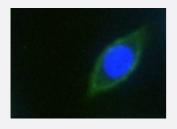


EPCAM monoclonal antibody (Alexa 488)

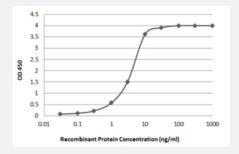
Catalog # MAB23674-M01 Size 50 ug

Applications



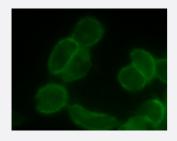
Immunofluorescence

Immunofluorescence staining performed on CTCs from the patient recoverd by SuperSlide™. EPCAM was detected via green signal (Alexa 488).



Sandwich ELISA

Sandwich ELISA performed with EPCAM recombinant protein and EPCAM monoclonal antibody (Alexa 488)



Immunofluorescence

Immunofluorescence staining performed on PC-3 cells using EPCAM monoclonal antibody (Alexa 488) (10 ug/mL).

Specification

Product Description Alexa 488 conjugated mouse EPCAM monoclonal antibody.

Amenable Platform <u>LiquidCell™ negative enrichment cell isolation</u>



Product Information

lmmunogen	Human recombinant EPCAM
Host	Mouse
Form	Liquid
Conjugation	Alexa 488
Concentration	0.5 mg/mL
Isotype	lgG1
Available Test	16 assays
Quality Control Testing	Results Sandwich ELISA Sandwich ELISA performed with EPCAM recombinant protein and EPCAM monoclonal antibody (Al exa 488) Immunofluorescence Immunofluorescence staining performed on PC-3 cells using EPCAM monoclonal antibody (Alexa 48 8) (10 ug/mL).
Recommend Usage	Immunofluorescence (10 ug/mL) LiquidCell™ SuperSlide™ (6 uL per slide)
Regulatory Status	Research Use Only
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at 2-8°C. Do not freeze.
Instrument Compatibility	Ventana™ BenchMark Stainer

Applications

Immunofluorescence

Immunofluorescence staining performed on CTCs from the patient recoverd by SuperSlide™. EPCAM was detected via green signal (Alexa 488).

Cana	Info	EPCAM
Gene		

Entrez GenelD	<u>4072</u>
Gene Name	EPCAM



Product Information

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