

For Research Use Only

# CoraLite®594-conjugated EPCAM/CD326 Monoclonal antibody



Catalog Number:CL594-66316

Featured Product

## Basic Information

Catalog Number: CL594-66316	GenBank Accession Number: BC014785	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 4072	CloneNo.: 2A2D5
Source: Mouse	Full Name: epithelial cell adhesion molecule	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2a	Calculated MW: 314 aa, 35 kDa	Excitation/Emission maxima wavelengths: 593 nm / 614 nm
Immunogen Catalog Number: AG15393	Observed MW: 35-40 kDa	

## Applications

Tested Applications: IF	Positive Controls: IF : MCF-7 cells,
Species Specificity: human	

## Background Information

Epithelial cell adhesion molecule (EpCAM, CD326) is a type I transmembrane glycoprotein that functions as a homophilic, epithelial-specific intercellular cell-adhesion molecule. In addition to cell adhesion, EpCAM is also involved in cellular signaling, cell migration, proliferation, and differentiation. EpCAM is highly expressed on most carcinomas and therefore of potential use as a diagnostic and prognostic marker for a variety of carcinomas, and has become a therapeutic target. EpCAM may occur in distinct forms due to glycosylation. (PMID: 20837599; 19249674; 21576002; 22647938; 12691820)

## Storage

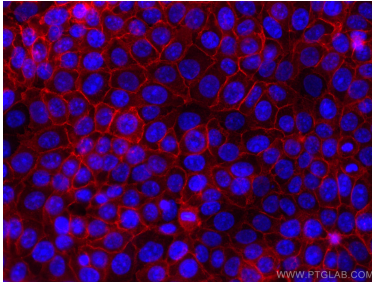
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol)  
fixed MCF-7 cells using CoraLite®594  
EPCAM/CD326 antibody (CL594-66316, Clone:  
2A2D5 ) at dilution of 1:200.