

For Research Use Only

CoraLite® Plus 488-conjugated EPCAM Polyclonal antibody



Catalog Number: CL488-21050

Featured Product

Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-21050	BC014785	Antigen affinity purification
Size:	GeneID (NCBI):	Excitation/Emission maxima
100ul , Concentration: 1000 µg/ml by Nanodrop;	4072	wavelengths:
Source:	Full Name:	493 nm / 522 nm
Rabbit	epithelial cell adhesion molecule	
Isotype:	Calculated MW:	
IgG	314 aa, 35 kDa	
Immunogen Catalog Number:	Observed MW:	
AG15393	35-40 kDa	

Applications

Tested Applications:
FC

Species Specificity:
human, mouse

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.

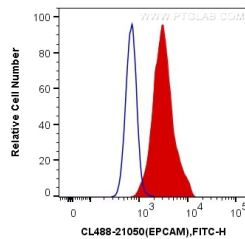
Aliquoting is unnecessary for -20°C storage

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

Selected Validation Data



1X10⁶ MCF-7 cells were surface stained with 0.4 ug Coralite® Plus 488 Anti-Human EPCAM (CL488-21050) (red), or 0.4 ug Control Antibody. Cells were not fixed.