

For Research Use Only

CoraLite®555-conjugated EPCAM Polyclonal antibody



Catalog Number: CL555-21050

Featured Product

Basic Information

Catalog Number: CL555-21050	GenBank Accession Number: BC014785	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 4072	Excitation/Emission maxima wavelengths: 555 nm / 570 nm
Source: Rabbit	Full Name: epithelial cell adhesion molecule	
Isotype: IgG	Calculated MW: 314 aa, 35 kDa	
Immunogen Catalog Number: AG15393	Observed MW: 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

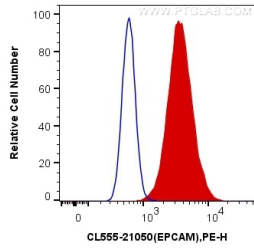
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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®555 Anti-Human EPCAM (CL555-21050) (red), or 0.4 ug Control Antibody. Cells were not fixed.