

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-EPCAM/CD326



Numéro de catalogue: 21050-1-AP

Phare

52 Publications

## Informations de base

Numéro de catalogue: 21050-1-AP	Numéro d'acquisition GenBank: BC014785	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 500 µg/ml by Nanodrop;	Identification du gène (NCBI): 4072	Dilutions recommandées: WB 1:500-1:2000 IHC 1:500-1:2000 IF 1:50-1:500
Hôte: Lapin	Nom complet: epithelial cell adhesion molecule	
Isotype: IgG	MW calculé 314 aa, 35 kDa	
Immunogen Catalog Number: AG15393	MW observés: 35-40 kDa	

## Applications

Applications testées:  
FC, IF, IHC, WB, ELISA

Demandes citées:  
ChIP, FC, IF, IHC, WB

Spécificité de l'espèce:  
Humain, souris

Espèces citées:  
Humain, rat, souris

Contrôles positifs:

WB : cellules A431, cellules MCF-7, tissu de côlon de souris

IHC : tissu de cancer du côlon humain, tissu de cancer du sein humain, tissu de côlon de souris, tissu de côlon humain, tissu d'estomac de souris

IF : cellules MCF-7, tissu de cancer du côlon humain

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

## Informations générales

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)

## Publications notables

Autrice	Pubmed ID	Journal	Application
Xue Liu	30246502	J Cell Physiol	WB,IHC,IF
Chaoqun Liu	34551797	J Exp Clin Cancer Res	WB,IF
Haiyong Wang	27432228	Mol Med Rep	WB,IHC

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

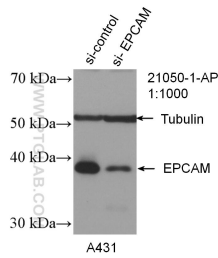
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

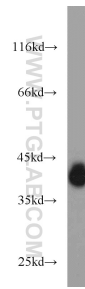
E: proteintech@ptglab.com  
W: ptglab.com

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

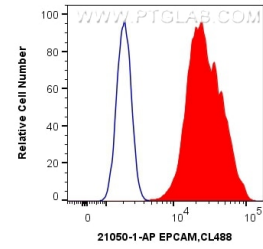
## Données de validation sélectionnées



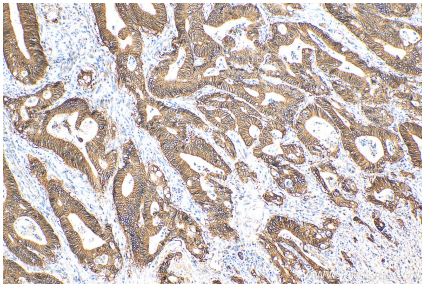
WB result of EPCAM antibody (21050-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-EPCAM transfected A431 cells.



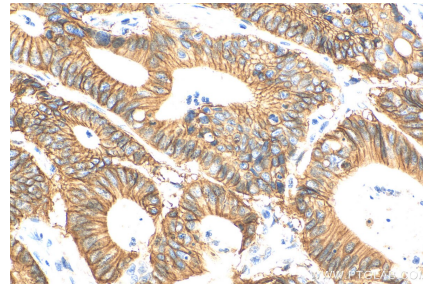
A431 cells were subjected to SDS PAGE followed by western blot with 21050-1-AP (EPCAM antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



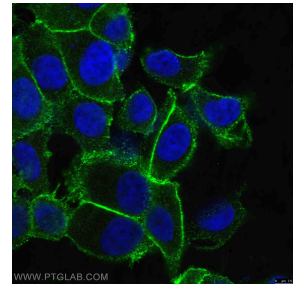
$1 \times 10^6$  HT-29 cells were surface stained with 0.5 ug Anti-Human EPCAM/CD326 (21050-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.5 ug Control Antibody. Cells were not fixed.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 21050-1-AP (EPCAM/CD326 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 21050-1-AP (EPCAM/CD326 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using 21050-1-AP (EPCAM antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).