

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-PD-ECGF



Numéro de catalogue: 12383-1-AP

6 Publications

## Informations de base

Numéro de catalogue:  
12383-1-AP

Taille:  
150ul, Concentration: 300 µg/ml by Nanodrop and 240 µg/ml by Bradford method using BSA as the standard;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG3052

Numéro d'acquisition GenBank:  
BC018160

Identification du gène (NCBI):  
1890

Nom complet:  
thymidine phosphorylase

MW calculé  
482 aa, 50 kDa

MW observés:  
50 kDa

Méthode de purification:  
Purification par affinité contre l'antigène

Dilutions recommandées:  
WB 1:500-1:2000  
IHC 1:50-1:500

## Applications

Applications testées:  
IHC, WB, ELISA

Demandes citées:  
FC, IF, IHC, WB

Spécificité de l'espèce:  
Humain

Espèces citées:  
Humain, souris

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

Contrôles positifs:

WB : cellules A431, cellules HeLa, cellules THP-1

IHC : tissu de cancer du sein humain, tissu de cancer de l'estomac humain, tissu de tumeur ovarienne humain

## Informations générales

Platelet derived endothelial cell growth factor (PD-ECGF), also known as thymidine phosphorylase (TP), induces migration and angiogenesis in endothelial and tumor cells, and was upregulated in various malignancies compared to that in normal tissues. Interestingly, PD-ECGF has dual effect on tumor development and chemotherapy. It could stimulate cancer cell migration and proliferation. On the other hand, some chemotherapeutic agents (5-fluorouracil, capecitabine, etc.) were converted to their active forms through TP enzymes.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Ryosuke Tamura	25304388	J Ovarian Res	WB
Yuhan Gu	35314790	Oncogene	WB
Qiong Lai	32123298	Acta Pharmacol Sin	WB,IF

## 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.

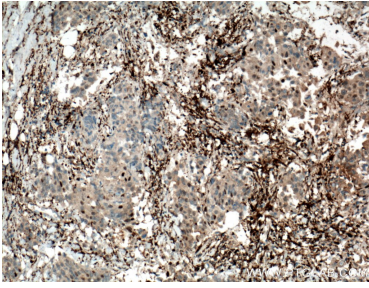
For technical support and original validation data for this product please contact:

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

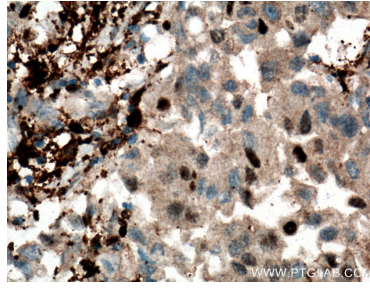
E: proteintech@ptglab.com  
W: ptglab.com

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

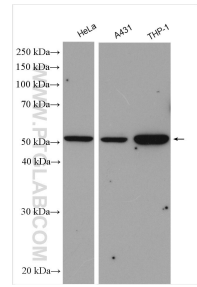
## Données de validation sélectionnées



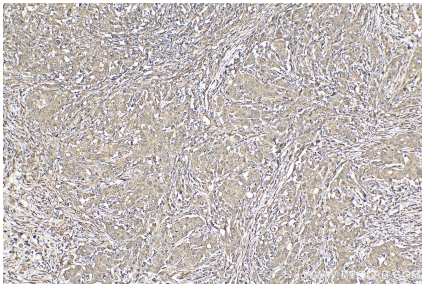
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 12383-1-AP (PD-ECGF antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



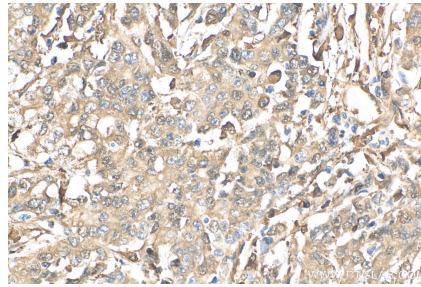
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 12383-1-AP (PD-ECGF antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 12383-1-AP (PD-ECGF antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 12383-1-AP (PD-ECGF antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 12383-1-AP (PD-ECGF antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).