

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-CD164



Numéro de catalogue: 12083-2-AP

## Informations de base

|  |  |   |
|--|--|---|
| Numéro de catalogue:<br>12083-2-AP                       | Numéro d'acquisition GenBank:<br>BC011522  | Méthode de purification:<br>Purification par affinité contre l'antigène |
| Taille:<br>150ul , Concentration: 800 µg/ml by Nanodrop; | Identification du gène (NCBI):<br>8763     | Dilutions recommandées:<br>WB 1:500-1:2000<br>IHC 1:20-1:200            |
| Hôte:<br>Lapin   | Nom complet:<br>CD164 molecule, sialomucin |   |
| Isotype:<br>IgG  | MW calculé:<br>197 aa, 21 kDa              |   |
| Immunogen Catalog Number:<br>AG2715                      | MW observés:<br>82 kDa                     |   |

## Applications

### Applications testées:

FC, IHC, WB, ELISA

### Spécificité de l'espèce:

Humain

### Contrôles positifs:

WB : cellules BxPC-3, cellules MG U-87

IHC : tissu de cancer du pancréas 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

Sialomucins are a heterogeneous group of secreted or membrane-associated mucins that appear to play 2 key but opposing roles in vivo: first as cytoprotective or antiadhesive agents, and second as adhesion receptors. CD164 is a type I integral transmembrane sialomucin that functions as an adhesion receptor (PMID: 9680353)(PMID: 17077324). Sialomucin CD164 (MUC-24), also referred to multi-glycosylated core protein 24 (MGC24), is known to function as a receptor that regulates stem cell localization to the bone marrow. CD164 may play a key role in hematopoiesis by facilitating the adhesion of CD34+ cells to the stroma and by negatively regulating CD34+CD38(lo/-) cell proliferation. Important role of CD164 in in prostate cancer metastasis, promoting myogenesis and regulating myoblast migration so far have been revealed (PMID: 9763543)(PMID: 16859559)(PMID: 17077324).

## Stockage

### Stockage:

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

### Tampon de stockage:

PBS avec azotate 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.**

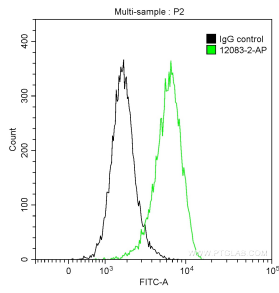
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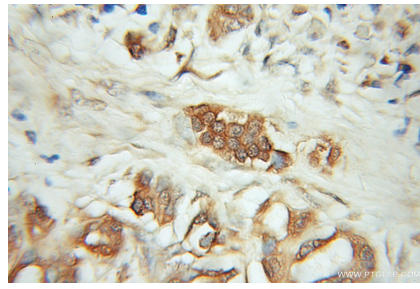
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W: ptglab.com

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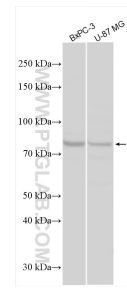
## Données de validation sélectionnées



1X10<sup>6</sup> K-562 cells were intracellularly stained with 0.5 ug Anti-Human CD164 (12083-2-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (green), and 0.5 ug Control Antibody. Cells were fixed with 90% MeOH.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer using 12083-2-AP (CD164 antibody) at dilution of 1:50 (under 10x lens).



Various lysates were subjected to SDS PAGE followed by western blot with 12083-2-AP (CD164 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.