

Nur für Forschungszwecke

# CD164 Polyklonaler Antikörper

Katalog-Nr.:12083-2-AP



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 12083-2-AP	<b>GenBank-Zugangsnummer:</b> BC011522	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 800 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 8763	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:2000 IHC 1:20-1:200
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> CD164 molecule, sialomucin	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 197 aa, 21 kDa	
<b>Immunogen Katalognummer:</b> AG2715	<b>Beobachtete Masse:</b> 82 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC, IHC, WB, ELISA	<b>Positivkontrollen:</b> WB : BxPC-3-Zellen, U-87 MG-Zellen
<b>Getestete Reaktivität:</b> Human	<b>IHC :</b> humanes Pankreaskarzinomgewebe,

**Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

## Hintergrundinformationen

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 prostate cancer metastasis, promoting myogenesis and regulating myoblast migration so far have been revealed (PMID: 9763543)(PMID: 16859559)(PMID: 17077324).

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
**Aliquotieren ist nicht notwendig bei -20°C Lagerung**

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

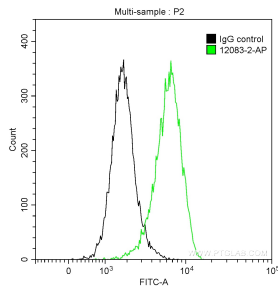
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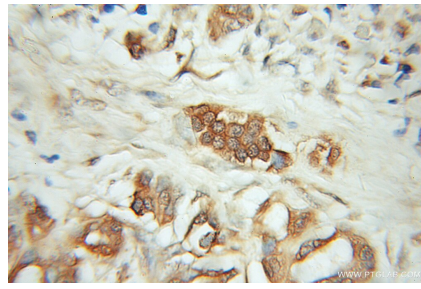
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W: ptglab.com

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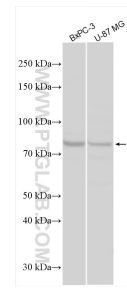
## Ausgewählte Validierungsdaten



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.