

Nur für Forschungszwecke

IL-11RA Polyklonaler Antikörper

Katalog-Nr.: 10264-1-AP

1 Publikationen



Allgemeine Informationen

Katalog-Nr.: 10264-1-AP	GenBank-Zugangsnummer: BC003110	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 500 µg/ml von Nanodrop;	GeneID (NCBI): 3590	Empfohlene Verdünnungen: WB 1:200-1:1000 IHC 1:50-1:500 IF 1:20-1:200
Wirt: Kaninchen	Vollständiger Name: interleukin 11 receptor, alpha	
Isotyp: IgG	Berechnete Masse: 45 kDa	
Immunogen Katalognummer: AG0373	Beobachtete Masse: 45 kDa	

Anwendungen

Geprüfte Anwendungen: FC, IF, IHC, WB, ELISA	Positivkontrollen: WB : Maus-Kolongewebe, IHC : humanes Prostatakarzinomgewebe, IF : N2a-Zellen,
In Publikationen genannte Anwendungen: IF	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Maus	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

Interleukin-11 (IL-11), a member of the IL-6 family of cytokines, was firstly identified in bone marrow-derived stromal cells (PMID: 2145578). IL-11 is a multifunctional cytokine that plays important roles in hematopoiesis, bone development, tissue repair, and tumor development (PMID: 33863879). IL-10 signals through a receptor complex consisting of IL-11 receptor alpha subunit (IL-11RA) and gp130. IL-11RA binds IL-11 and gp130 transmits signals to the nucleus via Janus kinase (JAK) activation. In addition to a membrane-bound form, IL-11RA can also exist as a soluble form (sIL-11RA) that acts as an agonist of IL-11 activity (PMID: 26876177; 27493449).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Masue M Marbiah	24843046	EMBO J	IF

Lagerung

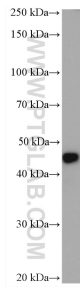
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

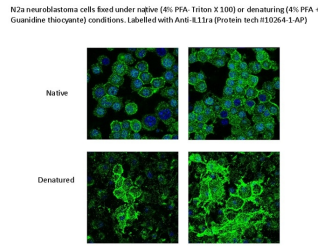
For technical support and original validation data for this product please contact:
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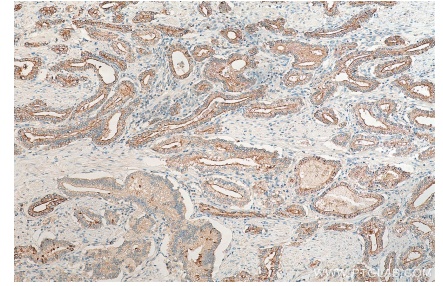
Ausgewählte Validierungsdaten



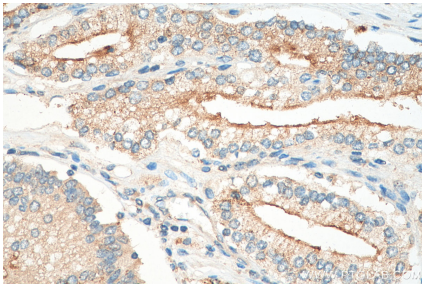
mouse colon tissue were subjected to SDS PAGE followed by western blot with 10264-1-AP (IL11RA antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



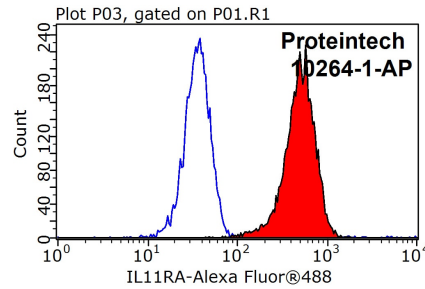
IF result of anti-IL11RA (10264-1-AP, 1:200) with N2a cells (4%PFA fixed) by Miss Masue Marbiah, PhD student MRC Prion Unit, Department of Neurodegenerative Diseases, UCL Institute of Neurology.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 10264-1-AP (IL-11RA 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 prostate cancer tissue slide using 10264-1-AP (IL-11RA antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ K-562 cells were stained with 0.2ug IL11RA antibody (10264-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.