

For Research Use Only

IL-20RB Polyclonal antibody

Catalog Number: 20521-1-AP **2 Publications**



Basic Information

Catalog Number: 20521-1-AP	GenBank Accession Number: BC033292	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 53833	Recommended Dilutions: WB 1:500-1:2400 IF 1:10-1:100
Source: Rabbit	Full Name: interleukin 20 receptor beta	
Isotype: IgG	Calculated MW: 311 aa, 35 kDa	
Immunogen Catalog Number: AG14368	Observed MW: 45 kDa, 66-70 kDa	

Applications

Tested Applications: FC, IF, WB, ELISA	Positive Controls: WB : MCF7 cells, Apoptosised HeLa cells, HeLa cells, K-562 cells IF : HepG2 cells,
Cited Applications: FC, IF, WB	
Species Specificity: human	
Cited Species: human, mouse	

Background Information

Interleukin-20 receptor subunit beta (IL20RB) is a single-pass type I membrane protein of the type II cytokine receptor family. The interleukin-20-receptor I complex (IL-20-RI) is composed of two chains, IL20RA and IL20RB. IL-20-RI is a receptor for IL-19, IL-20 and IL-24. IL20RB can also form a heterodimer with IL22RA1. The IL22RA1/IL20RB dimer is a receptor for IL20 and IL24.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiao-Hui Li	38098005	J Transl Med	WB,IF
Yuge Gao	37822943	Front Immunol	FC

Storage

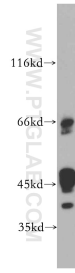
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

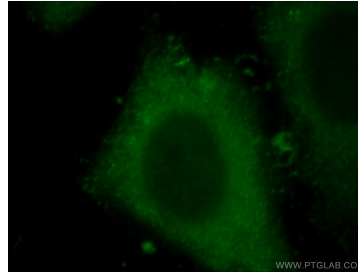
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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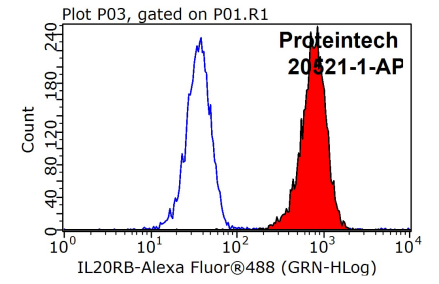
Selected Validation Data



MCF7 cells were subjected to SDS PAGE followed by western blot with 20521-1-AP (IL20RB antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using IL20RB antibody 20521-1-AP at 1:25 dilution and FITC- labeled goat anti-Rabbit IgG (green).



1×10^6 K-562 cells were stained with 0.2ug IL20RB antibody (20521-1-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.