

For Research Use Only

# P2RX5 Polyclonal antibody

Catalog Number: 19012-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 19012-1-AP	<b>GenBank Accession Number:</b> BC039015	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 300 µg/ml by Nanodrop and 187 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 5026	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> purinergic receptor P2X, ligand-gated ion channel, 5	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 422 aa, 47 kDa	
<b>Immunogen Catalog Number:</b> AG5297	<b>Observed MW:</b> 44 kDa, 49 kDa, 116 kDa	

## Applications

<b>Tested Applications:</b> FC, IF, WB, ELISA	<b>Positive Controls:</b> WB : BxPC-3 cells, HL-60 cells, MDA-MB-453s cells
<b>Cited Applications:</b> FC	<b>IF :</b> BxPC-3 cells,
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human	

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Pierre Abramowski	25181038	PLoS One	FC

## Storage

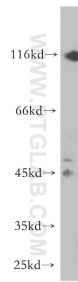
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

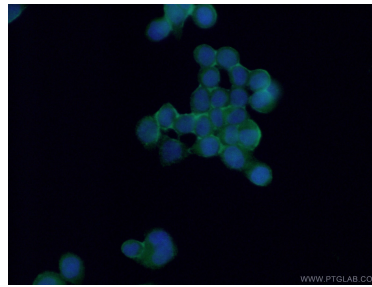
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

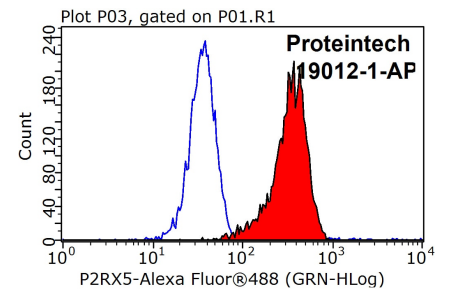
## Selected Validation Data



BxPC-3 cells were subjected to SDS PAGE followed by western blot with 19012-1-AP (P2RX5 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed BxPC-3 cells using 19012-1-AP (P2RX5 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10<sup>6</sup> K-562 cells were stained with 0.2ug P2RX5 antibody (19012-1-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.