

For Research Use Only

# PIGR Polyclonal antibody

Catalog Number:22024-1-AP



## Basic Information

<b>Catalog Number:</b> 22024-1-AP	<b>GenBank Accession Number:</b> BC110494	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 850 ug/ml by Nanodrop and 493 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 5284	<b>Recommended Dilutions:</b> IHC 1:50-1:500 IF-P 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P01833	
<b>Isotype:</b> IgG	<b>Full Name:</b> polymeric immunoglobulin receptor	
<b>Immunogen Catalog Number:</b> AG16876	<b>Calculated MW:</b> 764 aa, 83 kDa	

## Applications

<b>Tested Applications:</b> IHC, IF-P, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse	<b>IHC :</b> human small intestine tissue, human colon cancer tissue, human kidney tissue, human stomach cancer tissue
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IF-P :</b> human small intestine tissue, mouse small intestine tissue

## Storage

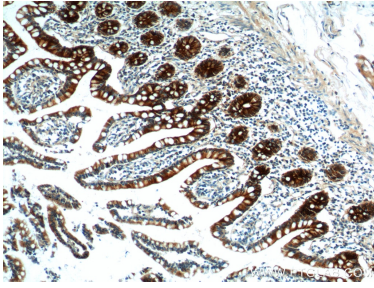
<b>Storage:</b> Store at -20°C. Stable for one year after shipment.
<b>Storage Buffer:</b> PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
<b>Aliquoting is unnecessary for -20°C storage</b>

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

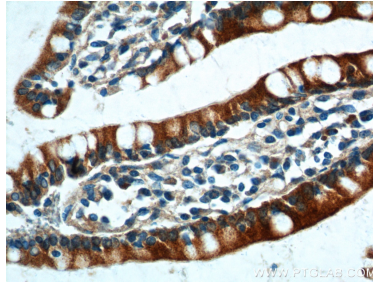
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

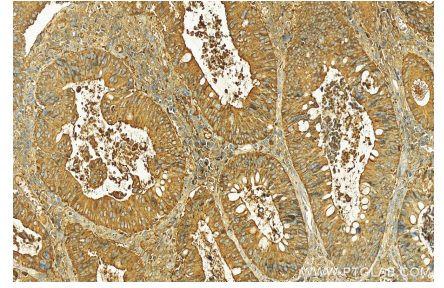
## Selected Validation Data



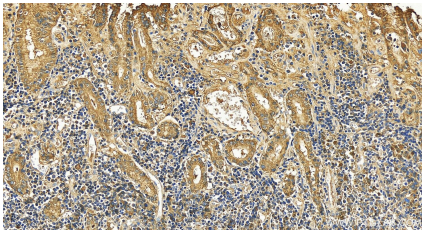
Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 22024-1-AP (PIGR Antibody) at dilution of 1:200 (under 10x lens).



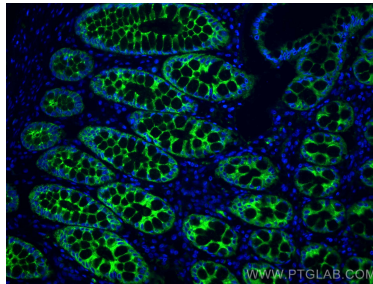
Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 22024-1-AP (PIGR Antibody) at dilution of 1:200 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded Colorectal cancer slide using 22024-1-AP (PIGR antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 22024-1-AP (PIGR antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human small intestine tissue using PIGR antibody (22024-1-AP) at dilution of 1:200 and Coralite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).