

# Product Datasheet

## PGR1 Antibody (PSH02-12)

### NBP3-32875

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-32875**

PGR1 Antibody (PSH02-12)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PSH02-12
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	36 kDa

Product Description	
Description	Novus Biologicals Rabbit PGR1 Antibody (PSH02-12) (NBP3-32875) is a recombinant monoclonal antibody validated for use in IHC, WB and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	22949
Gene Symbol	PTGR1
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within human PGR1 aa 1-329 / 329. (Uniprot: Q14914)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:1000



## Images

**Western Blot: PGR1 Antibody (PSH02-12) [NBP3-32875]** - Western blot analysis of PGR1 on different lysates with Rabbit anti-PGR1 antibody (NBP3-32875) at 1/1,000 dilution.

Lane 1: HT-29 cell lysate (20 ug/Lane)  
 Lane 2: A549 cell lysate (20 ug/Lane)  
 Lane 3: SiHa cell lysate (20 ug/Lane)  
 Lane 4: A431 cell lysate (20 ug/Lane)  
 Lane 5: Rat kidney tissue lysate (40 ug/Lane)  
 Lane 6: Rat liver tissue lysate (40 ug/Lane)

Predicted band size: 36 kDa  
 Observed band size: 36 kDa

Exposure time: 1 minute 2 seconds;

4-20% SDS-PAGE gel.

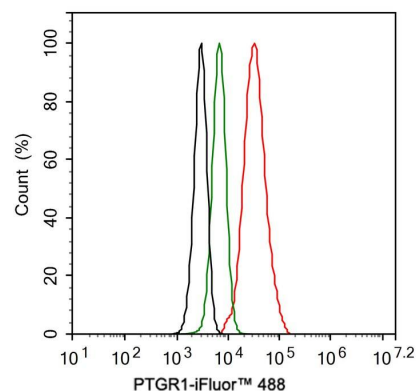
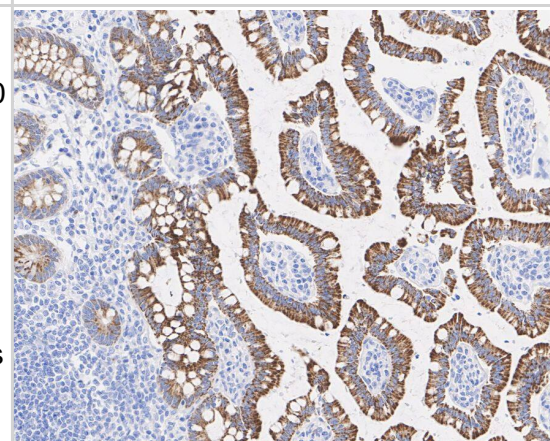
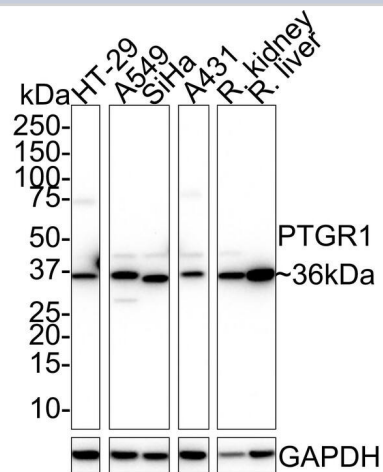
Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32875) at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

**Immunohistochemistry: PGR1 Antibody (PSH02-12) [NBP3-32875]** - Immunohistochemical analysis of paraffin-embedded human small intestine tissue with Rabbit anti-PGR1 antibody (NBP3-32875) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-32875) at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

**Flow Cytometry: PGR1 Antibody (PSH02-12) [NBP3-32875]** - Flow cytometric analysis of HeLa cells labeling PGR1.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32875, 1/1,000) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4°C for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4°C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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### **Products Related to NBP3-32875**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-98897-100ug	Recombinant Human PGR1 His Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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