

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.

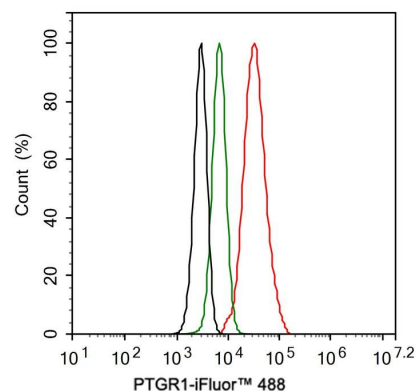
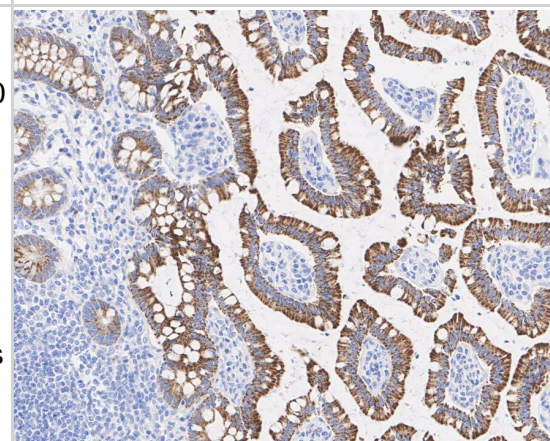
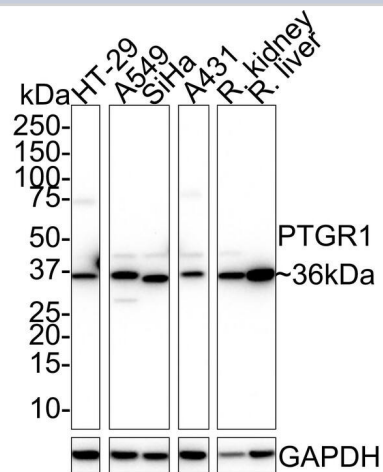
Proteins were transferred to a PVDF membrane and blocked with 5% NFD/MTBST for 1 hour at room temperature. The primary antibody (NBP3-32875) at 1/1,000 dilution was used in 5% NFD/MTBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 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 ddH₂O 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

| | |
|-------------|---|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |

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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