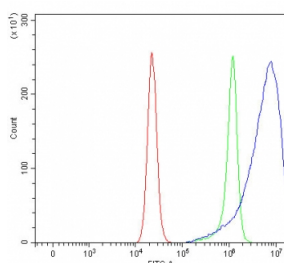


## Prostaglandin reductase 2 Antibody / PTGR2 (RQ8397)

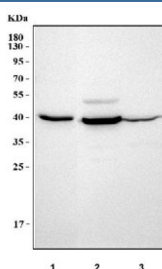
Catalog No.	Formulation	Size
RQ8397	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q8N8N7
<b>Applications</b>	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This Prostaglandin reductase 2 antibody is available for research use only.



Flow cytometry testing of fixed and permeabilized human RT4 cells with Prostaglandin reductase 2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Prostaglandin reductase 2 antibody.



Western blot testing of human 1) MCF7, 2) RT4 and 3) Caco-2 cell lysate with Prostaglandin reductase 2 antibody. Predicted molecular weight ~38 kDa.

## Description

This gene encodes an enzyme involved in the metabolism of prostaglandins. The encoded protein catalyzes the NADPH-dependent conversion of 15-keto-prostaglandin E2 to 15-keto-13,14-dihydro-prostaglandin E2. This protein may also be involved in regulating activation of the peroxisome proliferator-activated receptor. Alternative splicing results in multiple transcript variants.

## Application Notes

Optimal dilution of the Prostaglandin reductase 2 antibody should be determined by the researcher.

## Immunogen

An E.coli-derived human recombinant protein (E26-Q305) was used as the immunogen for the Prostaglandin reductase 2 antibody.

## Storage

After reconstitution, the Prostaglandin reductase 2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.