

Datasheet for ABIN5009251

**anti-PTGER4 antibody (AA 161-184) (AbBy Fluor® 680)**[Go to Product page](#)

## Overview

|                      |                                                       |
|----------------------|-------------------------------------------------------|
| Quantity:            | 100 µL                                                |
| Target:              | PTGER4                                                |
| Binding Specificity: | AA 161-184                                            |
| Reactivity:          | Human, Mouse, Rat                                     |
| Host:                | Rabbit                                                |
| Clonality:           | Polyclonal                                            |
| Conjugate:           | This PTGER4 antibody is conjugated to AbBy Fluor® 680 |
| Application:         | Western Blotting (WB)                                 |

## Product Details

|                   |                                                                                       |
|-------------------|---------------------------------------------------------------------------------------|
| Immunogen:        | KLH conjugated synthetic peptide derived from human EP4R/Prostaglandin E Receptor EP4 |
| Isotype:          | IgG                                                                                   |
| Cross-Reactivity: | Human, Mouse                                                                          |
| Purification:     | Purified by Protein A.                                                                |

## Target Details

|                   |                                                                                                                                                          |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | PTGER4                                                                                                                                                   |
| Alternative Name: | Prostaglandin E Receptor EP4 ( <a href="#">PTGER4 Products</a> )                                                                                         |
| Background:       | Synonyms: EP4, EP4R, Prostaglandin E2 receptor EP4 subtype, PGE receptor EP4 subtype, PGE2 receptor EP4 subtype, Prostanoid EP4 receptor, PTGER4, PTGER2 |

## Target Details

Background: Receptor for prostaglandin E2 (PGE2). The activity of this receptor is mediated by G(s) proteins that stimulate adenylate cyclase. Has a relaxing effect on smooth muscle. May play an important role in regulating renal hemodynamics, intestinal epithelial transport, adrenal aldosterone secretion, and uterine function.

Gene ID: 5734

UniProt: [P35408](#)

## Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months