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Datasheet for ABIN2805678

## anti-PTGFR antibody (AA 121-220) (AbBy Fluor® 594)

### Overview

Quantity:	100 µL
Target:	PTGFR
Binding Specificity:	AA 121-220
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTGFR antibody is conjugated to AbBy Fluor® 594
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PTGFR
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Cow,Pig,Horse
Purification:	Purified by Protein A.

### Target Details

Target:	PTGFR
Alternative Name:	PTGFR ( <a href="#">PTGFR Products</a> )

## Target Details

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**Background:** Synonyms: FP, Prostaglandin F2-alpha receptor, PGF receptor, PGF2-alpha receptor, Prostanoid FP receptor, PTGFR

Background: Receptor for prostaglandin F2-alpha (PGF2-alpha). The activity of this receptor is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system. Initiates luteolysis in the corpus luteum (By similarity). Isoforms 2 to 7 do not bind PGF2-alpha but are proposed to modulate signaling by participating in variant receptor complexes, heterodimers between isoform 1 and isoform 5 are proposed to be a receptor for prostamides including the synthetic analog bimatoprost.

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**Gene ID:** 5737

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**UniProt:** [P43088](#)

## Application Details

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

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** -20 °C

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

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**Expiry Date:** 12 months