

Datasheet for ABIN7442885  
**anti-PTGES2 antibody (AA 145-357)**[Go to Product page](#)

## 9 Images

## Overview

Quantity:	100 µL
Target:	PTGES2
Binding Specificity:	AA 145-357
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTGES2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Prostaglandin E Synthase 2 (PTGES2)
Immunogen:	Recombinant Prostaglandin E Synthase 2 (PTGES2) corresponding to Tyr145~Thr357 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PTGES2. It has been selected for its ability to recognize PTGES2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

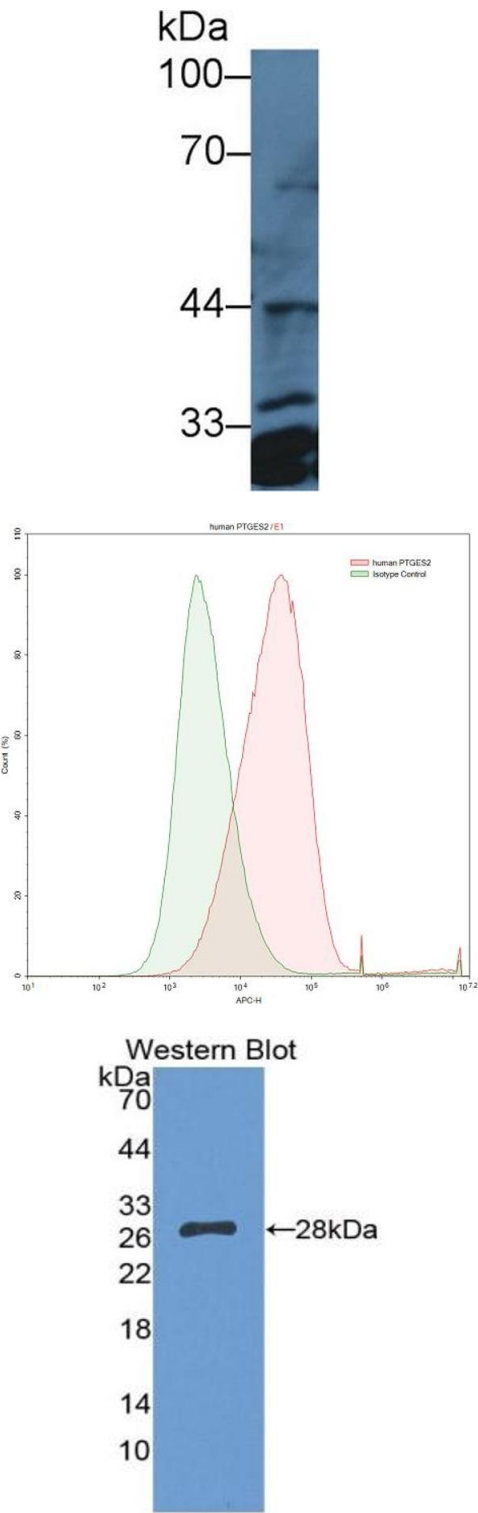
Target:	PTGES2
Alternative Name:	Prostaglandin E Synthase 2 ( <a href="#">PTGES2 Products</a> )
Background:	C9orf15, PGES2, mPGES-2, Chromosome 9 Open Reading Frame 15, Microsomal prostaglandin E synthase 2, Prostaglandin E synthase 2 truncated form
Pathways:	<a href="#">Interferon-gamma Pathway</a> , <a href="#">Cell RedoxHomeostasis</a> , <a href="#">SARS-CoV-2 Protein Interactome</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

**Image 1.** Detection of PTGES2 in Human Hela cell lysate using Polyclonal Antibody to Prostaglandin E Synthase 2 (PTGES2)

Flow Cytometry

**Image 2.** Detection of PTGES2 in HepG2 human hepatocellular carcinoma cell line using Polyclonal Antibody to Prostaglandin E Synthase 2 (PTGES2)

Western Blotting

**Image 3.** Detection of Recombinant PTGES2, Human using Polyclonal Antibody to Prostaglandin E Synthase 2 (PTGES2)

Please check the [product details page](#) for more images. Overall 9 images are available for ABIN7442885.