

Datasheet for ABIN7075206

**anti-PTGDR antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	PTGDR
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTGDR antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	KLH conjugated Synthetic peptide corresponding to Mouse Prostaglandin D2 Receptor
Cross-Reactivity:	Rat
Purification:	Affinity purification

## Target Details

Target:	PTGDR
Alternative Name:	Prostaglandin D2 Receptor ( <a href="#">PTGDR Products</a> )
Background:	Receptor for prostaglandin D2 (PGD2). The activity of this receptor is mainly mediated by G(s) proteins that stimulate adenylate cyclase, resulting in an elevation of intracellular cAMP. A mobilization of calcium is also observed, but without formation of inositol 1,4,5-trisphosphate . Involved in PLA2G3-dependent maturation of mast cells. PLA2G3 is secreted by immature mast cells and acts on nearby fibroblasts upstream to PTGDS to synthesize PGD2, which in turn

## Target Details

	promotes mast cell maturation and degranulation via PTGDR.
Molecular Weight:	50 kDa
Gene ID:	19214
NCBI Accession:	<a href="#">NP_032988</a>
UniProt:	<a href="#">P70263</a>
Pathways:	<a href="#">Thromboxane A2 Receptor Signaling</a>

## Application Details

Application Notes:	WB (M,R) 1:1000-1:2000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, 0.02 % sodium azide
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:	-20 °C

## Images

