



## PTGDR2 blocking peptide (CDBP5330)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a G-protein-coupled receptor that is preferentially expressed in CD4+ effector T helper 2 (Th2) cells. This protein is a prostaglandin D2 receptor that mediates the pro-inflammatory chemotaxis of eosinophils, basophils, and Th2 lymphocytes generated during allergic inflammation. Single nucleotide polymorphisms in the 3' UTR of this gene have been associated with asthma susceptibility.[provided by RefSeq, Mar 2011]
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Used as a blocking peptide in immunoblotting applications.
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/mL
<b>Size</b>	0.05 mg
<b>Preservative</b>	None
<b>Storage</b>	-20°C

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">PTGDR2 prostaglandin D2 receptor 2 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	PTGDR2
<b>Synonyms</b>	PTGDR2; prostaglandin D2 receptor 2; DP2; DL1R; CD294; CRTH2; GPR44; G protein-coupled receptor 44; G-protein coupled receptor 44; putative G-protein coupled receptor 44; chemoattractant receptor-homologous molecule expressed on TH2 cells; chemoattractant receptor homologous molecule expressed on T helper type 2 cells

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<b>Entrez Gene ID</b>	<a href="#">11251</a>
<b>mRNA Refseq</b>	<a href="#">NM_004778</a>
<b>Protein Refseq</b>	<a href="#">NP_004769</a>
<b>UniProt ID</b>	Q9Y5Y4
<b>Pathway</b>	Class A/1 (Rhodopsin-like receptors); Eicosanoid ligand-binding receptors; G alpha (i) signalling events; GPCR downstream signaling; GPCR ligand binding; GPCRs; Prostanoid ligand receptors; Signal Transduction
<b>Function</b>	G-protein coupled receptor activity; prostaglandin D receptor activity; prostaglandin F receptor activity; prostaglandin J receptor activity

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