

## CD294 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP01443
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human PTGDR2. AA range:161-210
<b>Mol wt</b>	43240
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	CD294 Antibody
<b>Synonyms</b>	PTGDR2; CRTH2; DL1R; GPR44; Prostaglandin D2 receptor 2; Chemoattractant receptor-homologous molecule expressed on Th2 cells; G-protein coupled receptor 44; CD294

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

PTGDR2 encodes a G-protein-coupled receptor that is preferentially expressed in CD4+ effector T helper 2 (Th2) cells. Prostaglandin D2 receptor 2 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.

### Recommended Dilution

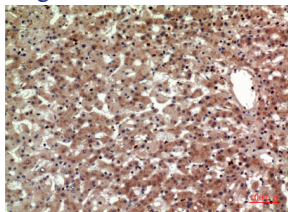
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

ELISA: 1: 20000

Not yet tested in other applications.

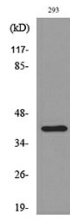
### Images



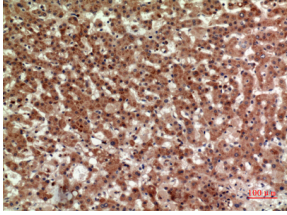
Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100



Western Blot analysis of 293 cells using CD294 Polyclonal Antibody. Secondary antibody was diluted at 1:20000



Western blot analysis of lysate from 293 cells, using PTGDR2 Antibody.



Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100

### Storage

-20°C for one year

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