

**CRTH2 Polyclonal Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV11774****Specification**

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**CRTH2 Polyclonal Antibody - Product Information**

Application	WB, IHC, IF
Primary Accession	<a href="#">NP_004769</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG

**CRTH2 Polyclonal Antibody - Additional Information**

Positive Control	WB, IHC, IF
Application & Usage	WB-1 µg/ml, IHC-P-2.5 µg/ml, IF- 20 µg/ml
Alias Symbol	CRTH2

**Other Names**

CRTH2 Antibody: DP2, DL1R, CD294, CRTH2, GPR44, Prostaglandin D2 receptor 2, Chemoattractant receptorhomologous molecule expressed on Th2 cells

**Appearance**

Colorless liquid

**Formulation**

50 µg (1mg/ml) of antibody in PBS containing 0.02% sodium azide.

**Reconstitution & Storage**

-20 °C

**Background Descriptions****Precautions**

CRTH2 Polyclonal Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**CRTH2 Polyclonal Antibody - Protein Information****CRTH2 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **CRTH2 Polyclonal Antibody - Images**

#### **CRTH2 Polyclonal Antibody - Background**

The chemoattractant receptor-homologous molecule expressed on Th2 cells (CRTH2) is a recently identified receptor for the prostaglandin D2 (PGD2) in addition to the classic prostaglandin D receptor. CRTH2 is expressed on Th2 cells and eosinophils and mediates chemotaxis of these cells to PGD2 and is thus thought to be a key receptor mediating eosinophil and Th2 recruitment during allergic responses. However, CRTH2-null mice showed enhanced eosinophil recruitment into the lung consistent with observations that the CRTH2-null mice produced significantly higher amounts of interleukin-5 (IL-5) and IL-3. This suggests that CRTH2 plays a nonredundant role in restricting eosinophilia and allergic response in vivo.