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CRTH2 Polyclonal Antibody
Rabbit Polyclonal Antibody
Catalog # ABV11774

Specification

CRTH2 Polyclonal Antibody - Product Information

Application	**WB, IHC, IF**
Primary Accession	NP_004769
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 Cytomety
- 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.