

CRTH2 Polyclonal Antibody

Rabbit Polyclonal Antibody

Catalog # ABV11774

Product Information

Application	WB, IHC, IF
Primary Accession	NP_004769
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG

Additional Information

Positive Control	WB, IHC, IF
Application & Usage	WB-1 μ g/ml, IHC-P-2.5 μ g/ml, IF- 20 μ g/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 μ g (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.

Protein Information

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.