CRTH2 Antibody
Catalog # ASC10496

Specification

CRTH2 Antibody - Product Information

Application
WB, IHC, IF

Primary Accession
Q9Y5Y4

Other Accession
NP_004769,
153791424

Reactivity
Human, Mouse,
Rat

Host
Rabbit

Clonality
Polyclonal

Isotype
IgG

Application Notes
CRTH2 antibody can be used for detection of CRTH2 by Western blot at 1 and 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/mL.

CRTH2 Antibody - Additional Information

Gene ID
11251

Other Names
CRTH2 Antibody: DP2, DL1R, CD294, CRTH2, GPR44, Prostaglandin D2 receptor 2, Chemoattractant receptor-homologous molecule expressed on Th2 cells, G protein-coupled receptor 44

Target/Specificity
GPR44;

Reconstitution & Storage
CRTH2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

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

CRTH2 Antibody - Protein Information

Name
PTGDR2
CRTH2 Antibody - Background

CRTH2 Antibody: 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. At least two different isoforms of CRTH2 are known to exist.

CRTH2 Antibody - References

