

Rabbit PTGDR2 Polyclonal Antibody | anti-PTGDR2 antibody

PTGDR2 Polyclonal Antibody

CATALOG # AAA174948	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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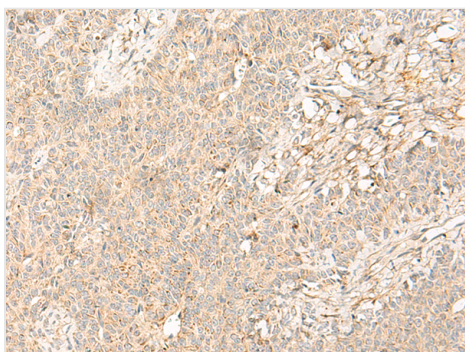
PRODUCT SYNONYMS

PTGDR2; Polyclonal Antibody; PTGDR2 Polyclonal Antibody; CD294; CD294 antigen; Chemoattractant receptor homologous molecule expressed on Th2 cells; Chemoattractant receptor-homologous; Chemoattractant receptor-homologous molecule expressed on Th2 cells; CRTH 2; CRTH2; DL1R; DP2 prostaglandin receptor; G Protein Coupled Receptor 44; GPR 44; Gpr44; GPR44; Putative G protein coupled receptor 44; Putative G-protein coupled receptor 44; anti-PTGDR2 antibody

PRODUCT SPECIFICATIONS

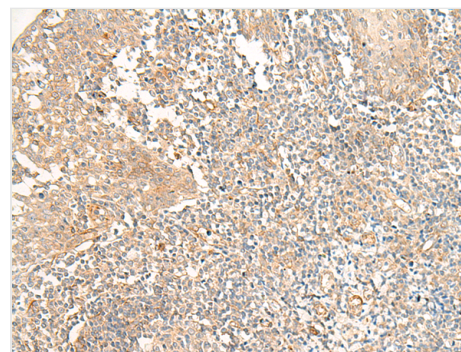
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.78mg/mL (varies by lot)
Sequence Length	395
Applicable Applications for anti-PTGDR2 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human PTGDR2
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using PTGDR2 Polyclonal Antibody at dilution of 1:30(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil tissue using PTGDR2 Polyclonal Antibody at dilution of 1:30(×200)

ADDITIONAL INFORMATION

Related Product Information for anti-PTGDR2 antibody	This gene encodes a G-protein-coupled receptor that is preferentially expressed in CD4+ effector T helper 2 (Th2) cells. This protein 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.PTGDR2 (Prostaglandin D2 Receptor 2) is a Protein Coding gene. Diseases associated with PTGDR2 include Folliculitis and Eosinophilic Pustular Folliculitis. Among its related pathways are Peptide ligand-binding receptors and Ibuprofen Pathway, Pharmacodynamics. GO annotations related to this gene include G-protein coupled receptor activity and prostaglandin F receptor activity. An important paralog of this gene is FPR3.
Product Categories/Family for anti-PTGDR2 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	153791424
NCBI GeneID	11251
NCBI Accession #	NP_004769
NCBI GenBank Nucleotide #	NP_004769.2
UniProt Accession #	Q9Y5Y4
NCBI Official Full Name	prostaglandin D2 receptor 2
NCBI Official Synonym Full Names	prostaglandin D2 receptor 2
NCBI Official Symbol	PTGDR2
NCBI Official Synonym Symbols	DP2; DL1R; CD294; CRTH2; GPR44
NCBI Protein Information	prostaglandin D2 receptor 2
UniProt Protein Name	Prostaglandin D2 receptor 2
UniProt Gene Name	PTGDR2
UniProt Synonym Gene Names	CRTH2; DL1R; GPR44
UniProt Entry Name	PD2R2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/ptgdr2-antibody-immunohistochemistry-elisa/174948>