

CD294 Polyclonal Antibody

Catalog No :	YT5405
Reactivity :	Human;Mouse
Applications :	WB;IHC;IF;ELISA
Target :	CD294
Gene Name :	PTGDR2
Protein Name :	Prostaglandin D2 receptor 2
Human Gene Id :	11251
Human Swiss Prot No :	Q9Y5Y4
Mouse Gene Id :	14764
Mouse Swiss Prot No :	Q9Z2J6
Rat Gene Id :	309212
Rat Swiss Prot No :	Q6XKD3
Immunogen :	The antiserum was produced against synthesized peptide derived from the Internal region of human PTGDR2. AA range:161-210
Specificity :	CD294 Polyclonal Antibody detects endogenous levels of CD294 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC: 1:100-1:300. ELISA: 1:20000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 43kD

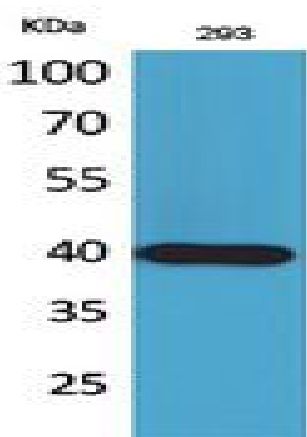
Background : This gene encodes a G-protein-coupled receptor that is preferentially expressed in CD4+ effector T helper 2 (Th2) cells. This protein is a prostaglandin D2 receptor that mediates the pro-inflammatory chemotaxis of eosinophils, basophils, and Th2 lymphocytes generated during allergic inflammation. Single nucleotide polymorphisms in the 3' UTR of this gene have been associated with asthma susceptibility.[provided by RefSeq, Mar 2011],

Function : function:Orphan receptor.,similarity:Belongs to the G-protein coupled receptor 1 family.,

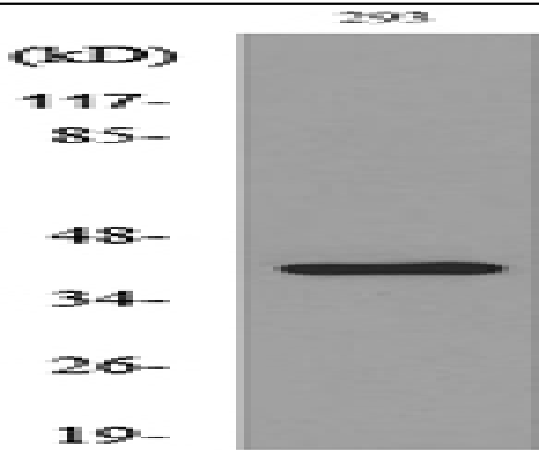
Subcellular Location : Cell membrane ; Multi-pass membrane protein . Internalized receptors colocalized with RAB11A. .

Expression : Widespread expression. High expression in stomach, small intestine, heart and thymus. Intermediate expression in colon, spinal cord and peripheral blood and low expression in brain, skeletal muscle and spleen. Expressed also on Th2- and Tc2- type cells, eosinophils and basophils.

Products Images



Western Blot analysis of 293 cells using CD294 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western blot analysis of lysate from 293 cells, using PTGDR2 Antibody.