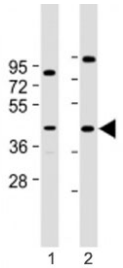
Prostaglandin D2 Receptor Antibody / PTGDR (C-Terminal Region) (F54113)

Catalog No.	Formulation	Size
F54113-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F54113-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q13258
Applications	WB: 1:2000
Limitations	This Prostaglandin D2 Receptor antibody is available for research use only.



Western blot testing of Prostaglandin D2 Receptor antibody at 1:2000: Lane 1) human HepG2 and 2) Y79 cell lysate. Predicted molecular weight ~40 kDa.

Description

Receptor for prostaglandin D2 (PGD2). The activity of this receptor is mainly mediated by G(s) proteins that stimulate adenylate cyclase, resulting in an elevation of intracellular cAMP. A mobilization of calcium is also observed, but without formation of inositol 1,4,5-trisphosphate (By similarity). [UniProt]

Application Notes

The stated application concentrations are suggested starting points. Titration of the Prostaglandin D2 Receptor antibody

may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 306-348 from human PTGDR was used as the immunogen for the Prostaglandin D2 Receptor antibody.

Storage

Aliquot the Prostaglandin D2 Receptorantibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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