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Datasheet for ABIN122373

anti-PTGDR antibody (Extracellular Domain)

1 Image

1 Publication

Overview

Quantity:	50 µg
Target:	PTGDR
Binding Specificity:	Extracellular Domain
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTGDR antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Synthetic peptide - KLH conjugated
Specificity:	Reacts with Prostaglandin D2 Receptor (family: GPCR, subfamily: Prostanoid).
Purification:	Peptide Immunogen Affinity Chromatography.

Target Details

Target:	PTGDR
Alternative Name:	PTGDR (PTGDR Products)
Background:	The prostaglandin D2 receptor is a Prostanoid Receptor that binds prostaglandin D2. Studies suggest that this receptor may be involved in vision, mucous secretion, myometrial relaxation, and asthmatic response. Prostaglandin D2 receptor has been reported to be expressed in human small intestine, colon (goblet cells), eye, and eosinophils. ESTs have been isolated from

Target Details

human brain libraries.Synonyms: ASRT1, PGD receptor, PGD2 receptor, Prostaglandin D2 receptor, Prostanoid DP receptor

Gene ID: 5729

UniProt: [Q13258](#)

Pathways: [Thromboxane A2 Receptor Signaling](#)

Application Details

Application Notes: Immunohistochemistry with Formalin Fixed Paraffin Embedded Tissues: 4-7 µg/mL. Antigen retrieval: Steam slides in 0.01 M sodium citrate buffer, pH 6.0, at 99-100 °C for 20 min, Remove from heat and let stand at room temperature in buffer for 20 min, Rinse in 1x TBS with Tween (TBST) for 1 min at room temperature.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user. Further Comments: This product was originally produced by MBL International.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: Phosphate buffered saline, pH 7.7 containing 0.09 % Sodium Azide as preservative.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

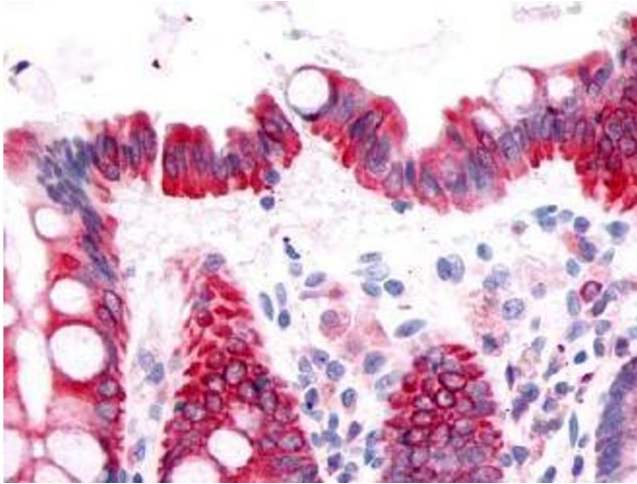
Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C to 70 °C for longer. Avoid repeated freezing and thawing.

Shelf Life: one year from despatch.

Expiry Date: 12 months

Publications

Product cited in: Prochazkova, Osicka, Linhartova, Halada, Sulc, Sebo: "The Neisseria meningitidis outer membrane lipoprotein FrpD binds the RTX protein FrpC." in: **The Journal of biological**



Immunohistochemistry

Image 1. Immunohistochemical staining of prostaglandin D2 receptor on human colon epithelium using antibody