

P2Y2 antibody [HL2801]

Cat. No. GTX639689

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	ICC/IF, IHC-P
Reactivity	Human, Mouse, Rat

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
ICC/IF	Assay dependent
IHC-P	1:100-1:1000

Not tested in other applications.

Product Note

This antibody may not be suitable for human IHC-P assay, as its human reactivity is based on ICC/IF testing. This antibody was raised against mouse P2Y2 Extracellular domain.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide encompassing a sequence within the Extracellular domain mouse of P2Y2. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

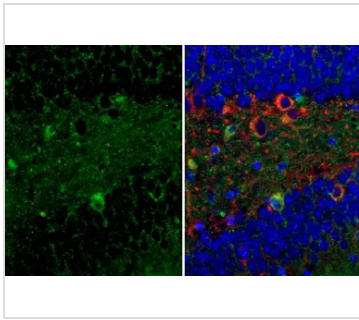
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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DATA IMAGES

GTX639689 IHC-P Image

P2Y2 antibody [HL2801] detects P2Y2 protein at cytoplasm by immunohistochemical analysis.

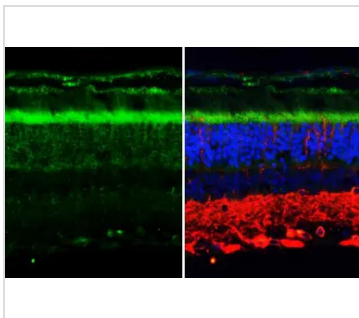
Sample: Paraffin-embedded mouse hippocampus.

Green: P2Y2 stained by P2Y2 antibody [HL2801] (GTX639689) diluted at 1:200.

Red: beta Tubulin 3/ Tuj1, a neural marker, stained by beta Tubulin 3/ Tuj1 antibody [GT11710] (GTX631836) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX639689 IHC-P Image

P2Y2 antibody [HL2801] detects P2Y2 protein at cytoplasm by immunohistochemical analysis.

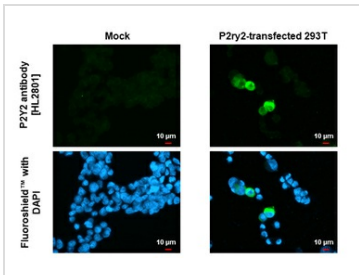
Sample: Paraffin-embedded mouse eye.

Green: P2Y2 stained by P2Y2 antibody [HL2801] (GTX639689) diluted at 1:200.

Red: beta Tubulin 3/ Tuj1, a neural marker, stained by beta Tubulin 3/ Tuj1 antibody [GT11710] (GTX631836) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

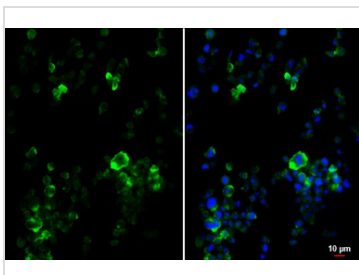

GTX639689 ICC/IF Image

P2Y2 antibody [HL2801] detects P2Y2 protein by immunofluorescent analysis.

Sample: Mock and transfected 293T cells were fixed in ice-cold MeOH for 5 min.

Green: P2Y2 stained by P2Y2 antibody [HL2801] (GTX639689) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).


GTX639689 ICC/IF Image

P2Y2 antibody [HL2801] detects P2Y2 protein by immunofluorescent analysis.

Sample: THP-1 cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: P2Y2 stained by P2Y2 antibody [HL2801] (GTX639689) diluted at 1:100.

Blue: Fluoroshield with DAPI (GTX30920).



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