

Dopamine Receptor D1 antibody [HL2927]

Cat. No. GTX640270

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

Package
100 µl, 25 µl

Applications

Application Note

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

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

Note : Do not need a permeabilization step.

Not tested in other applications.

Product Note This antibody was raised against human Dopamine Receptor D1 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 of human Dopamine Receptor D1. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



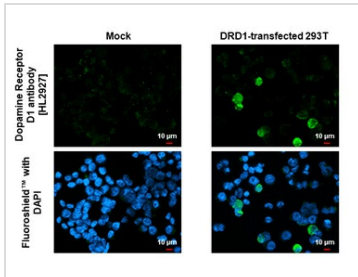
For full product information, images and publications, please visit our [website](#).

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

Note

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.

DATA IMAGES



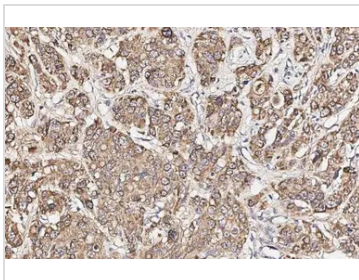
GTx640270 ICC/IF Image

Dopamine Receptor D1 antibody [HL2927] detects Dopamine Receptor D1 protein by immunofluorescent analysis.

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

Green: Dopamine Receptor D1 stained by Dopamine Receptor D1 antibody [HL2927] (GTx640270) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTx30920).



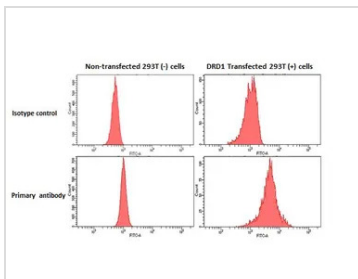
GTx640270 IHC-P Image

Dopamine Receptor D1 antibody [HL2927] detects Dopamine Receptor D1 protein by immunohistochemical analysis.

Sample: Paraffin-embedded MCF-7 xenograft.

Dopamine Receptor D1 stained by Dopamine Receptor D1 antibody [HL2927] (GTx640270) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

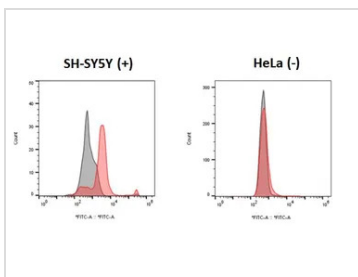


GTx640270 FCM Image

Dopamine Receptor D1 antibody [HL2927] (GTx640270) detects Dopamine Receptor D1 protein by flow cytometry analysis.

Sample: Non-transfected and transfected 293T cells were fixed in 4% paraformaldehyde at 4°C for 15 min and washed with 0.1% saponin buffer.

The cells were following stained with Dopamine Receptor D1 antibody [HL2927] (GTx640270) diluted at 1:50 or a Rabbit IgG isotype control (GTx35035) at 4°C for 1 hour.



GTx640270 FCM Image

Dopamine Receptor D1 antibody [HL2927] antibody (GTx640270) detects DRD1 protein by flow cytometry analysis.

Sample: non-fixed and non-permeabilized SH-SY5Y or HeLa cells were stained with 5 μg/ml GTx640270 (red) or a Rabbit monoclonal IgG isotype control (gray) in 1% FBS/ 5mM EDTA/PBS at 4°C for 1 hour.



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