

Dopamine Receptor D4 antibody [HL2850]

Cat. No. GTX640121

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	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
IHC-P	Assay dependent
FCM	Assay dependent

Note : Permeabilization : 0.1% saponin for 15 min at room temperature

Not tested in other applications.

Product Note This antibody was raised against human Dopamine Receptor D4 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 human of Dopamine Receptor D4. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

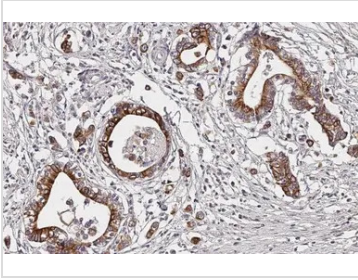
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DATA IMAGES



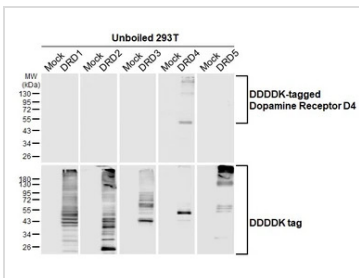
GTX640121 IHC-P Image

Dopamine Receptor D4 antibody [HL2850] detects Dopamine Receptor D4 protein at cell membrane by immunohistochemical analysis.

Sample: Paraffin-embedded human stomach tumor.

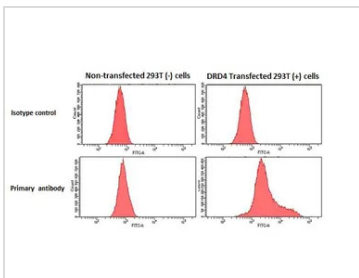
Dopamine Receptor D4 stained by Dopamine Receptor D4 antibody [HL2850] (GTX640121) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



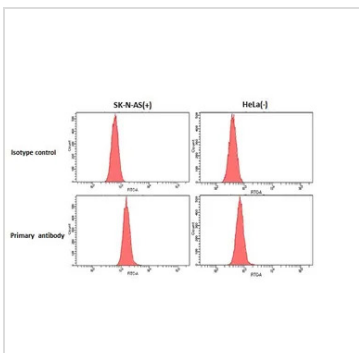
GTX640121 Image

Unboiled non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Dopamine Receptor D4 antibody [HL2850] (GTX640121) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX640121 FCM Image

Dopamine Receptor D4 antibody [HL2850] (GTX640121) detects Dopamine Receptor D4 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 D4 antibody [HL2850] (GTX640121) diluted at 1:50 or a Rabbit monoclonal IgG isotype control at 4°C for 1 hour.



GTX640121 FCM Image

Dopamine Receptor D4 antibody [HL2850] (GTX640121) detects Dopamine Receptor D4 protein by flow cytometry analysis.

Sample: SK-N-AS and HeLa 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 D4 antibody [HL2850] (GTX640121) diluted at 1:50 or a Rabbit IgG isotype control (GTX35035) control at 4°C for 1 hour.

The classification of protein expression as positive or negative was primarily based on data from the Human Protein Atlas (HPA).



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