

Dopamine Receptor D2 antibody [HL4284]

Cat. No. GTX643524

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	ICC/IF, 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	Assay dependent
FCM	1:50-1:200

Note : Do not need a permeabilization step.

Not tested in other applications.

Product Note This antibody was raised against human Dopamine Receptor D2 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 D2. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

Note

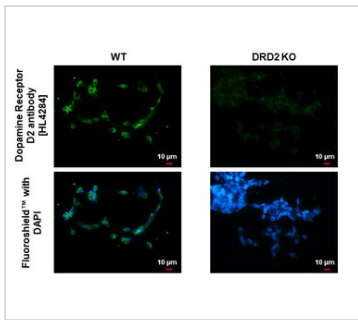
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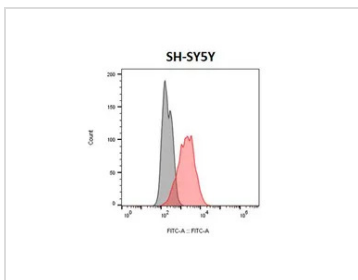
DATA IMAGES

GTX643524 ICC/IF Image

Dopamine Receptor D2 antibody [HL4284] detects Dopamine Receptor D2 protein by immunofluorescent analysis.

Sample: wild-type (WT) and Dopamine Receptor D2 knockout (KO) SH-SY5Y cells were fixed in ice-cold MeOH for 5 min.

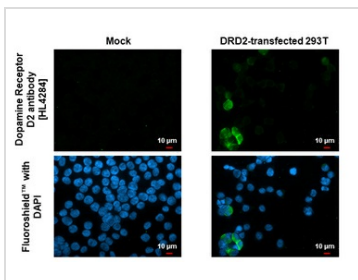
Green: Dopamine Receptor D2 stained by Dopamine Receptor D2 antibody [HL4284] (GTX643524) diluted at 1:500.

Blue: Fluoroshield™ with DAPI (GTX30920).


GTX643524 FCM Image

Dopamine Receptor D2 antibody [HL4284] (GTX643524) detects DRD2 protein by flow cytometry analysis.

Sample: non-fixed and non-permeabilized SH-SY5Y cells were stained with 5 μg/ml GTX643524 (red) or a Rabbit monoclonal IgG isotype control (gray) in 1% FBS/ 5 mM EDTA/PBS at 4°C for 1 hour.


GTX643524 ICC/IF Image

Dopamine Receptor D2 antibody [HL4284] detects Dopamine Receptor D2 protein by immunofluorescent analysis.

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

Green: Dopamine Receptor D2 stained by Dopamine Receptor D2 antibody [HL4284] (GTX643524) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



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