

MC4 Receptor antibody [HL3145]

Cat. No. GTX640637

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	IHC-P, FCM
Reactivity	Human, Mouse

Package
100 µl, 25 µl

Applications

Application Note

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

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

Note : Permeabilization : 0.1% saponin

Not tested in other applications.

Product Note This antibody was raised against human MC4 Receptor 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 MC4 Receptor. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

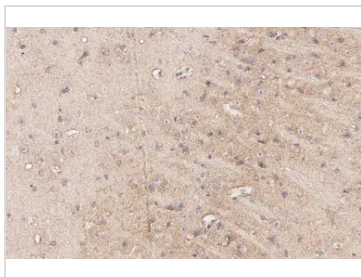
Note

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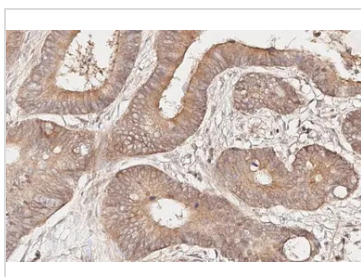
DATA IMAGES

GTX640637 IHC-P Image

MC4 Receptor antibody [HL3146] detects MC4 Receptor protein by immunohistochemical analysis.

Sample: Paraffin-embedded mouse brain.

MC4 Receptor stained by MC4 Receptor antibody [HL3146] (GTX640637) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

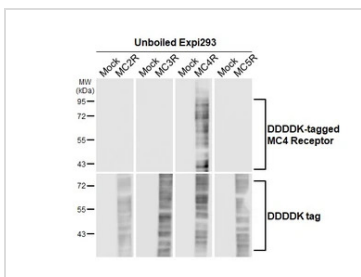

GTX640637 IHC-P Image

MC4 Receptor antibody [HL3145] detects MC4 Receptor protein by immunohistochemical analysis.

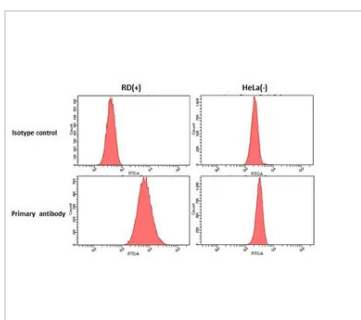
Sample: Paraffin-embedded human colon cancer.

MC4 Receptor stained by MC4 Receptor antibody [HL3145] (GTX640637) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX640637 Image

Unboiled non-transfected (-) and transfected (+) Expi293 whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with MC4 Receptor antibody [HL3145] (GTX640637) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX640637 FCM Image

MC4 Receptor antibody [HL3145] (GTX640637) detects MC4 Receptor protein by flow cytometry analysis. Sample: RD 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 MC4 Receptor antibody [HL3145](GTX640637) diluted at 1:50 or a Rabbit IgG isotype control (GTX35035) 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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