

Mu Opioid receptor antibody [HL3348]

Cat. No. GTX641120

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, 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
WB	1:500-1:3000
FCM	Assay dependent

Note : Permeabilization : 0.1% saponin

Not tested in other applications.

Observed MW (kDa) 45 kDa.

Product Note This antibody was raised against human Mu Opioid receptor Intracellular 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 Intracellular domain of human Mu Opioid receptor. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

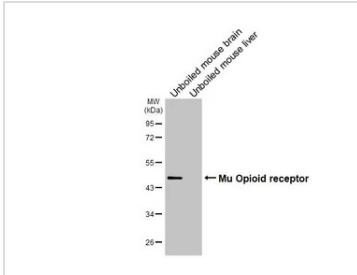


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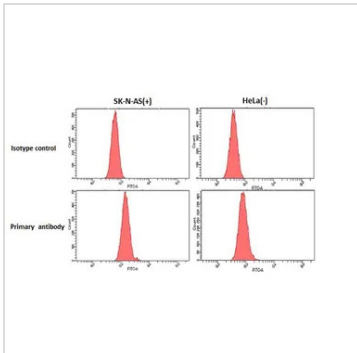
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Note

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

GTX641120 WB Image

Unboiled various tissue extracts (50 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Mu Opioid receptor antibody [HL3348] (GTX641120) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

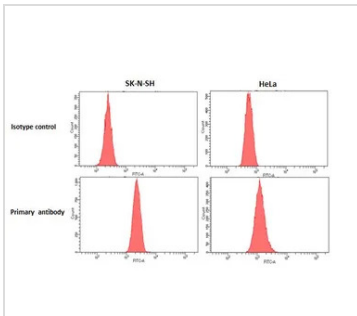

GTX641120 FCM Image

Mu Opioid receptor antibody [HL3348] (GTX641120) 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) 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).


GTX641120 FCM Image

Mu Opioid receptor antibody [HL3348] (GTX641120) detects OPRM1 protein by flow cytometry analysis.

Sample: SK-N-SH and HeLa cells were fixed in 4% paraformaldehyde at 4°C for 15 min and washed with 0.1% saponin buffer to permeabilize the cell membrane.

The cells were following stained with Mu Opioid receptor antibody [HL3348] (GTX641120) 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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