

beta 1 Adrenergic Receptor antibody [HL3678]

Cat. No. GTX641706

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, FCM
Reactivity	Human, Cat

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 for 15 min at room temperature

Not tested in other applications.

Observed MW (kDa)	60 kDa.
Product Note	This antibody is specific for human ADRB1 protein and does not cross react with human ADRA1A, ADRA1B, ADRA1D, ADRA2A, and ADRB2 protein. This antibody was raised against human beta 1 Adrenergic 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 beta 1 Adrenergic Receptor. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



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

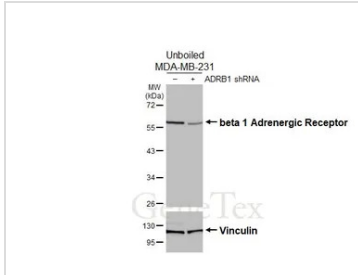
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

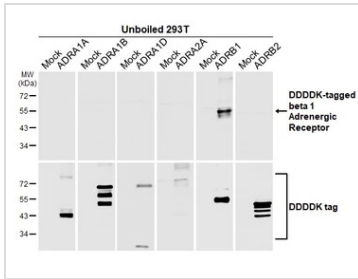
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DATA IMAGES



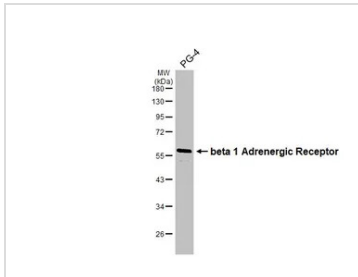
GTX641706 WB Image

Non-transfected (–) and transfected (+) unboiled MDA-MB-231 whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with beta 1 Adrenergic Receptor antibody [HL3678] (GTX641706) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



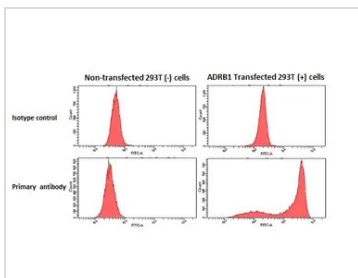
GTX641706 WB Image

Unboiled non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with beta 1 Adrenergic Receptor antibody [HL3678] (GTX641706) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX641706 WB Image

Whole cell extract (30 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with beta 1 Adrenergic Receptor antibody [HL3678] (GTX641706) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX641706 FCM Image

beta 1 Adrenergic Receptor antibody [HL3678] (GTX641706) detects beta 1 Adrenergic Receptor 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 beta 1 Adrenergic Receptor antibody [HL3678] (GTX641706) diluted at 1:50 or a Rabbit IgG isotype control (GTX35035) at 4°C for 1 hour.



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