

PTH1R antibody [HL3651]

Cat. No. GTX641642

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, IHC-Fr, 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	1:500-1:10000
IHC-Fr	Assay dependent
FCM	Assay dependent

Not tested in other applications.

Observed MW (kDa) 75-90 (smear pattern) kDa.

Product Note This antibody is specific for human PTH1R and does not cross react with human PTH2R protein. It was raised against human PTH1R 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 PTH1R. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

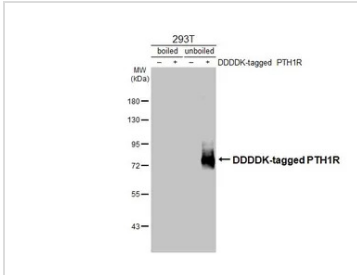


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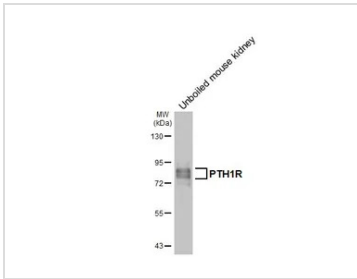
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Note

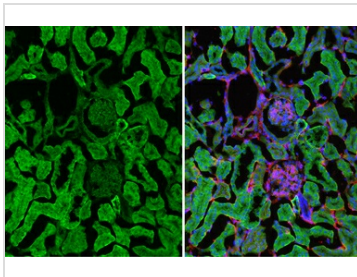
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DATA IMAGES

GTK641642 WB Image

Non-transfected (–) and transfected (+) boiled and unboiled 293T whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with PTH1R antibody [HL3651] (GTK641642) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTK213110-01) was used to detect the primary antibody.


GTK641642 WB Image

Unboiled mouse tissue extract (50 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with PTH1R antibody [HL3651] (GTK641642) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTK213110-01) was used to detect the primary antibody.


GTK641642 IHC-Fr Image

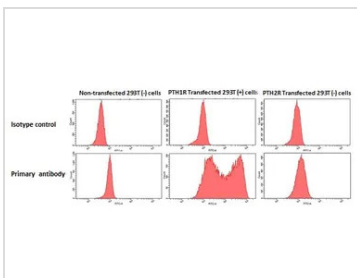
PTH1R antibody [HL3651] detects PTH1R protein by immunohistochemical analysis.

Sample: Frozen-sectioned mouse kidney.

Green: PTH1R stained by PTH1R antibody [HL3651] (GTK641642) diluted at 1:250.

Red: Vimentin antibody [GT812] (GTK629744) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTK30920).


GTK641642 FCM Image

PTH1R antibody [HL3651] (GTK641642) detects PTH1R 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 PTH1R antibody [HL3651] (GTK641642) diluted at 1:50 or a Rabbit IgG isotype control (GTK35035) at 4°C for 1 hour.



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