

MCT1 antibody [GT14612]

Cat. No. GTX631643

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Applications	WB, ICC/IF, IHC-P
Reactivity	Human

References (3)

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
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW	54 kDa. (Note)
Product Note	This antibody was raised against human MCT1 Intracellular domain.

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
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 MCT1. The exact sequence is proprietary.
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated

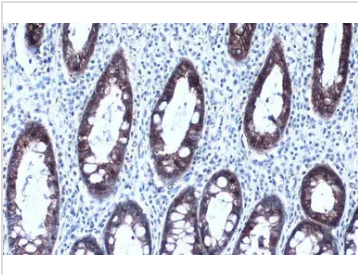


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Note

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.

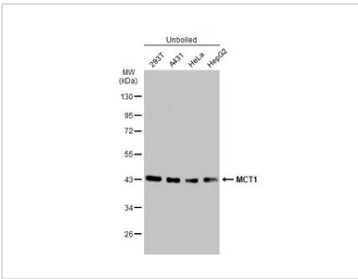
DATA IMAGES

GTX631643 IHC-P Image

MCT1 antibody [GT14612] detects MCT1 protein at cell membrane by immunohistochemical analysis.

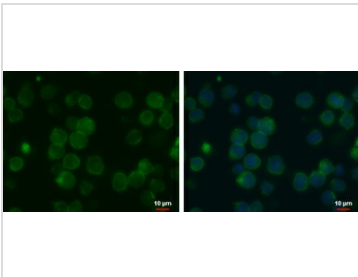
Sample: Paraffin-embedded human colon.

MCT1 stained by MCT1 antibody [GT14612] (GTX631643) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX631643 WB Image

Unboiled various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with MCT1 antibody [GT14612] (GTX631643) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.


GTX631643 ICC/IF Image

MCT1 antibody [GT14612] detects MCT1 protein at cell membrane by immunofluorescent analysis.

Sample: THP-1 cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: MCT1 protein stained by MCT1 antibody [GT14612] (GTX631643) diluted at 1:500.

Blue: Hoechst 33342 staining.

Scale bar = 10 µm.



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