

# Product Datasheet

## MCT1/SLC16A1 Antibody (14612) - Azide and BSA Free NBP2-43838

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NBP2-43838**

MCT1/SLC16A1 Antibody (14612) - Azide and BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	14612
Preservative	No Preservative
Isotype	IgG2b
Purity	Protein G purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	54 kDa

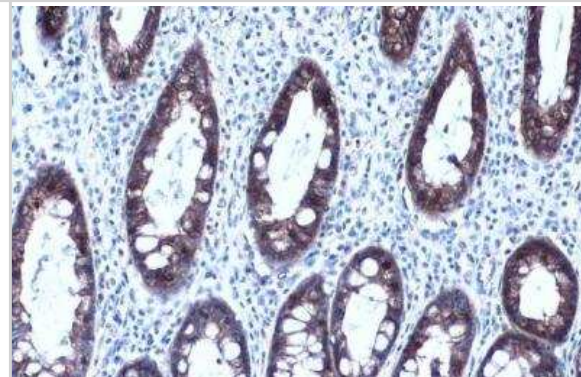
Product Description	
Description	Novus Biologicals Mouse MCT1/SLC16A1 Antibody (14612) - Azide and BSA Free (NBP2-43838) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	6566
Gene Symbol	SLC16A1
Species	Human
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human MCT1/SLC16A1. The exact sequence is proprietary.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

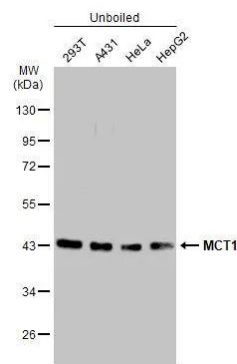


## Images

Immunohistochemistry-Paraffin: MCT1/SLC16A1 Antibody (14612) [NBP2-43838] - Human colon. MCT1 stained by MCT1 antibody [14612] diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



Unboiled various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with MCT1 antibody [GT14612] (NBP2-43838) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



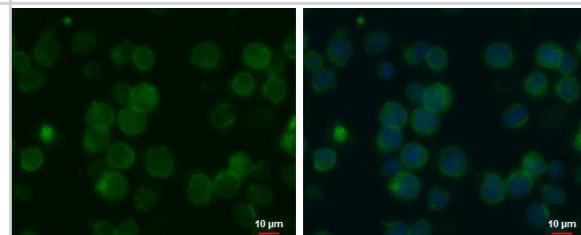
MCT1 antibody [GT14612] detects MCT1 protein at cell membrane by immunofluorescent analysis.

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

Green: MCT1 protein stained by MCT1 antibody [GT14612] (NBP2-43838) diluted at 1:500.

Blue: Hoechst 33342 staining.

Scale bar = 10 um.





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### **Products Related to NBP2-43838**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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