

Product Datasheet

MCT2 Antibody NB300-877

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 2

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NB300-877

MCT2 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

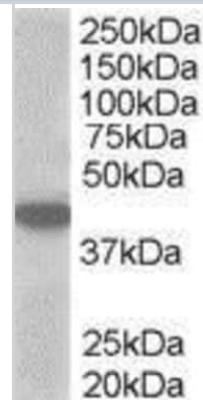
Product Description	
Description	Novus Biologicals Goat MCT2 Antibody (NB300-877) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-MCT2 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	9194
Gene Symbol	SLC16A7
Species	Human
Immunogen	Peptide with sequence C-SNAQSVTSETNI corresponding to C-Terminus according to NP_004722.2.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 2.5 ug/ml, Peptide ELISA Detection limit 1:128000
Application Notes	WB: Approx. 40-45 kDa band observed in A549, lung epithelial (lung carcinoma) lysates (calculated MW of 52.2 kDa band according to NP_004722).

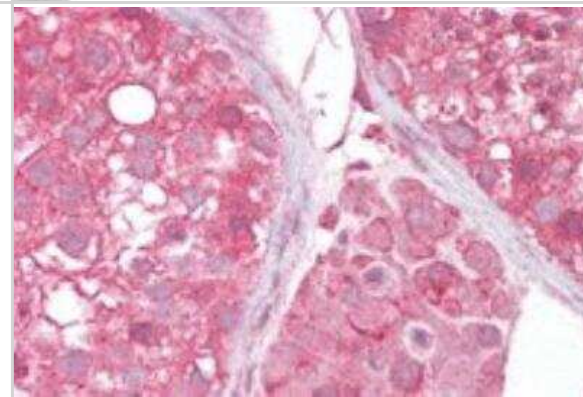


Images

Western Blot: MCT2 Antibody [NB300-877] - (1ug/ml) staining of A549 lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry-Paraffin: MCT2 Antibody [NB300-877] - Staining of Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Rao Y, Gammon S, Zacharias NM et al. Hyperpolarized [1-13C]pyruvate-to-[1-13C]lactate conversion is rate-limited by monocarboxylate transporter-1 in the plasma membrane Proc. Natl. Acad. Sci. U.S.A. 2020-08-24 [PMID: 32839325] (WB, Human)

Lin RY, Vera JC, Chaganti RS, Golde DW. Human monocarboxylate transporter 2 (MCT2) is a high affinity pyruvate transporter. J Biol Chem 1998-10-30 [PMID: 9786900]



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Products Related to NB300-877

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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