

For Research Use Only

SLC16A3 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 84797-6-PBS



Basic Information

Catalog Number: 84797-6-PBS	GenBank Accession Number: BC112269	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 9123	CloneNo.: 242296C11
Isotype: IgG	UNIPROT ID: O15427	
Immunogen Catalog Number: AG18788	Full Name: solute carrier family 16, member 3 (monocarboxylic acid transporter 4)	
	Calculated MW: 465 aa, 49 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Background Information

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

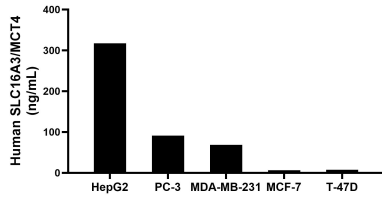
T: 4006900926

E: Proteintech-CN@ptglab.com

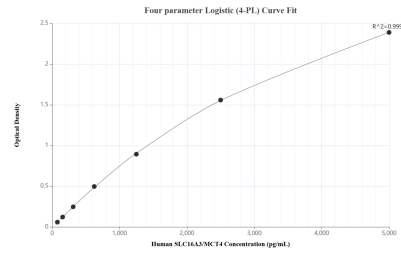
W: ptgcn.com

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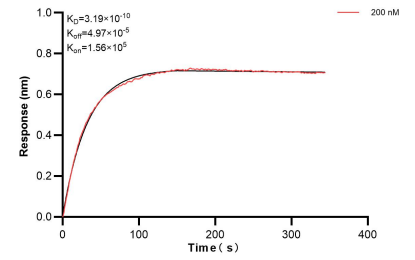
Selected Validation Data



The mean SLC16A3/MCT4 concentration was determined to be 317.3 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load, 91.0 ng/mL in PC-3 cell extract based on a 1.2 mg/mL extract load, 68.6 ng/mL in MDA-MB-231 cell extract based on a 1.2 mg/mL extract load, 6.2 ng/mL in MCF-7 cell extract based on a 1.2 mg/mL extract load and 7.5 ng/mL in T-47D cell extract based on a 1.2 mg/mL extract load.



Sandwich ELISA standard curve of MP01590-3, Human SLC16A3/MCT4 Recombinant Matched Antibody Pair - PBS only. 84797-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag18788. 84797-3-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



Bi-layer interferometry (BLI) kinetic assay of 84797-6-PBS against Human SLC16A3 was performed. The affinity constant is 0.319 nM.