

For Research Use Only

THEM4 Monoclonal antibody

Catalog Number: 68923-1-Ig



Basic Information

Catalog Number: 68923-1-Ig	GenBank Accession Number: BC065277	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 117145	CloneNo.: 1C12B9
Source: Mouse	UNIPROT ID: Q5T1C6	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG2a	Full Name: thioesterase superfamily member 4	
Immunogen Catalog Number: AG6296	Calculated MW: 27 kDa	
	Observed MW: 26 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human

Positive Controls:

WB : A375 cells, HepG2 cells, HeLa cells, DU 145 cells, LNCaP cells, HEK-293 cells, K-562 cells, TF-1 cells, HL-60 cells

Background Information

THEM4, which stands for thioesterase superfamily member 4, is a gene in humans that encodes a protein involved in the regulation of the protein kinase B (PKB), also known as Akt pathway. This gene is ubiquitously expressed in various tissues, with notable expression in the kidney and testis. THEM4 can also promote the proliferation of tumor cells by positively regulating Akt activity in breast cancer and nasopharyngeal carcinoma, which presents a contrasting role to its initial characterization.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

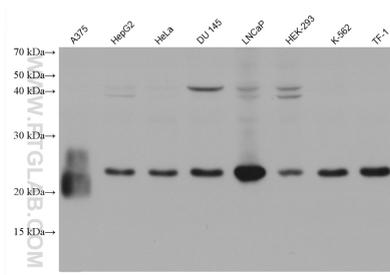
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68923-1-Ig (THEM4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.