

For Research Use Only

CEL Recombinant antibody, PBS Only

Catalog Number:85081-4-PBS



Basic Information

Catalog Number: 85081-4-PBS	GenBank Accession Number: BC042510	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 1056	CloneNo.: 242761B11
Source: Rabbit	UNIPROT ID: P19835	
Isotype: IgG	Full Name: carboxyl ester lipase (bile salt-stimulated lipase)	
Immunogen Catalog Number: AG5262	Calculated MW: 79 kDa	
	Observed MW: 79 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

Bile salt-activated lipase, previously named cholesterol esterase or bile salt-stimulated (or dependent) lipase, is a 74 kDa lipolytic enzyme capable of hydrolyzing cholesteryl esters, tri-, di-, and mono-acylglycerols, phospholipids, lysophospholipids, and ceramide (PMID:12454261). The same enzyme is present as a major protein in milk and as a minor constituent in liver, activated macrophages, and endothelial cells (PMID:11733511). Defects in CEL are a cause of maturity-onset diabetes of the young type 8 with exocrine dysfunction (MODY8) (PMID:16369531). The full length protein has 11 glycosylation sites. It has 2 isoforms produced by alternative splicing.

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

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

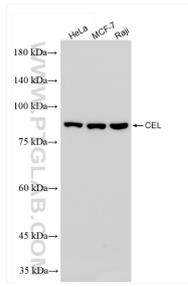
T: 4006900926

E: Proteintech-CN@ptglab.com

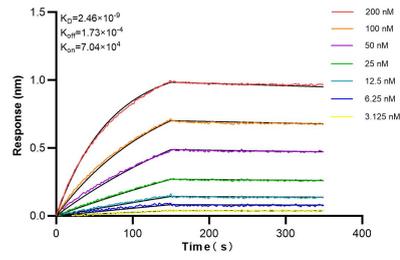
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85081-4-RR (CEL antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85081-4-PBS in a different storage buffer formulation.



Biacore BLI kinetic assays of 85081-4-RR against Human CEL were performed. The affinity constant is 2.46 nM.