

For Research Use Only

CEACAM8 Recombinant antibody, PBS Only (Detector)

Catalog Number: 83105-5-PBS



Basic Information

Catalog Number: 83105-5-PBS	GenBank Accession Number: BC026263	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1088	CloneNo.: 230353B8
Source: Rabbit	UNIPROT ID: P31997	
Isotype: IgG	Full Name: carcinoembryonic antigen-related cell adhesion molecule 8	
	Calculated MW: 38 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

83105-5-PBS targets CEACAM8 as part of a matched antibody pair:

MP00293-4: 83105-4-PBS capture and 83105-5-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

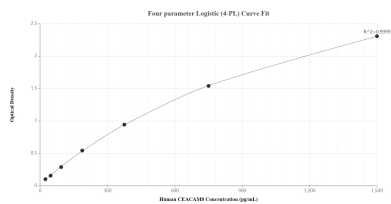
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

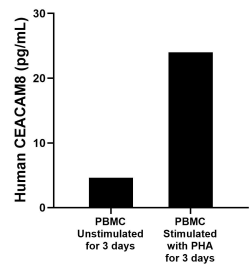
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

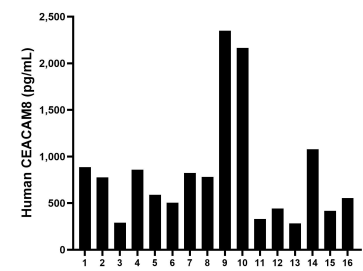
Selected Validation Data



Sandwich ELISA standard curve of MP00293-4, Human CEACAM8 Recombinant Matched Antibody Pair - PBS only. 83105-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg32133. 83105-5-PBS was HRP conjugated as the detection antibody. Range: 23.4-1500 pg/mL.



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 µg/mL PHA for 3 days. The mean CEACAM8 concentration was determined to be 4.6 pg/mL in unstimulated PBMC supernatant, 24.0 pg/mL in PHA stimulated PBMC supernatant.



Serum of sixteen individual healthy human donors was measured. The CEACAM8 concentration of detected samples was determined to be 820.7 pg/mL with a range of 282.8 - 2,350.0 pg/mL.