

For Research Use Only

G-CSF Recombinant antibody, PBS Only (Detector)

Catalog Number: 86376-2-PBS



Basic Information

Catalog Number:	86376-2-PBS	GenBank Accession Number:	
Size:	1000ug, Concentration: 1 mg/ml by Nanodrop;	GenID (NCBI):	1440
Source:	Rabbit	UNIPROT ID:	P09919
Isotype:	IgG	Full Name:	colony stimulating factor 3 (granulocyte)
Immunogen Catalog Number:	HZ-1207		

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

86376-2-PBS targets G-CSF as part of a matched antibody pair.

MP02556-1: 86376-1-PBS capture and 86376-2-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

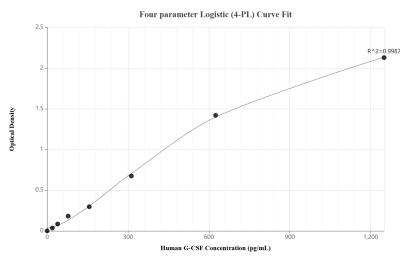
Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

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)

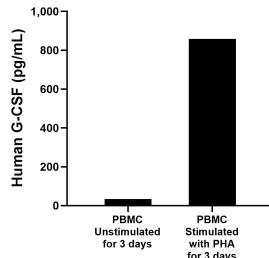
E: proteintech@ptglab.com
W: ptglab.com

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

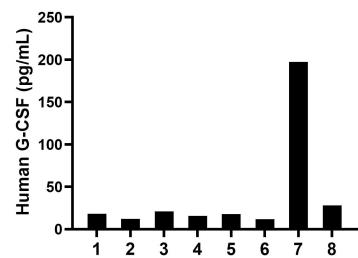
Selected Validation Data



Sandwich ELISA standard curve of MP02556-1, Human G-CSF Recombinant Matched Antibody Pair - PBS only. 86376-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard HZ-1207. 86376-2-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 μ g/mL PHA for 3 days. The mean G-CSF concentration was determined to be 33.9 pg/mL in unstimulated PBMC supernatant, 858.2 pg/mL in PHA stimulated PBMC supernatant.



Serum of eight individual healthy human donors was measured. The G-CSF concentration of detected samples was determined to be 40.3 pg/mL with a range of 11.8-197.6 pg/mL.