For Research Use Only

IL29 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:86548-2-PBS

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
86548-2-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG2843

GenBank Accession Number:
NM_172140.1

GeneID (NCBI):
282618

UNIPROT ID:
Q8IU54

Full Name:
interleukin 29 (interferon, lambda 1)

Calculated MW:
22 kDa

Purification Method:
Protein A purification

CloneNo.:
250226D2

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

86548-2-PBS targets IL29 as part of a matched antibody pair:

MP02493-1: 86548-2-PBS capture and 86548-1-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.

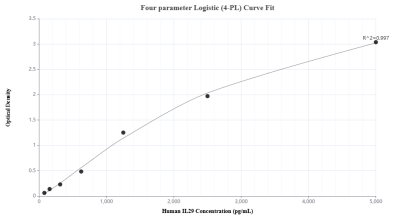
This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications.Antibody use should be optimized by the end user for each application and assay.

Storage

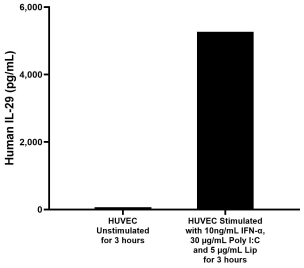
Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

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

Selected Validation Data



Sandwich ELISA standard curve of MP02493-1, Human IL-29 Recombinant Matched Antibody Pair - PBS only. 86548-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2843. 86548-1-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



HUVEC human umbilical vein endothelial cells (1 x 10^6 cells/mL) were seeded in Endothelial Cell Medium (ECM) supplemented, and stimulated with 10 ng/mL IFN-α, 30 µg/mL Poly I:C and 5 µg/mL Lip for 3 hours. The mean IL-29 concentration was determined to be 69.1 pg/mL in unstimulated HUVEC supernatant, 5,268.2 pg/mL in stimulated HUVEC supernatant.