

ALK Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02712-1**

Capture Antibody Information

Catalog Number:
82777-5-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
250514B12
Reactivity:
human
Immunogen Catalog Number:
Eg3796

Conjugate:
Unconjugated
Full name:
anaplastic lymphoma receptor tyrosine kinase
Gene ID:
238

Detection Antibody Information

Catalog Number:
82777-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
250514C12
Reactivity:
human
GenBank:
NM_004304
Immunogen Catalog Number:
Eg3796

Conjugate:
Unconjugated
Full name:
anaplastic lymphoma receptor tyrosine kinase
Gene ID:
238

Applications

Tested Applications:
Sandwich ELISA

Range:
0.391-25 ng/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP02712-1 targets ALK in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: ALK/CD246 Recombinant monoclonal antibody, PBS Only (Capture) 82777-5-PBS (250514B12). 100 µg. Concentration 1 mg/mL.

Detection antibody: ALK/CD246 Recombinant monoclonal antibody, PBS Only (Detector) 82777-3-PBS (250514C12). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

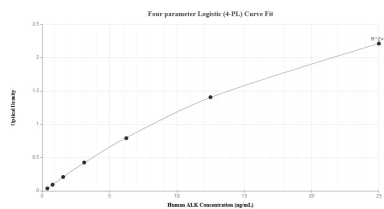
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

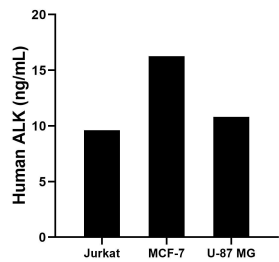
E: proteintech@ptglab.com
W: ptglab.com

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 MP02712-1, Human ALK Recombinant Matched Antibody Pair - PBS only. 82777-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3796. 82777-3-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL



The mean ALK concentration was determined to be 9.61 ng/mL in Jurkat cell extract based on a 1.2 mg/mL extract load, 16.25 ng/mL in MCF-7 cell extract based on a 1.2 mg/mL extract load and 10.82 ng/mL in U-87 MG cell extract based on a 1.5 mg/mL extract load.