

For Research Use Only

NGAL Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00770-1

Capture Antibody Information

Catalog Number:
82841-9-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
2N10
Reactivity:
human

Conjugate:
Unconjugated
Full name:
lipocalin 2
Gene ID:
3934

Detection Antibody Information

Catalog Number:
82841-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
2L8
Reactivity:
human
GenBank:
NP_005555.2

Conjugate:
Unconjugated
Full name:
lipocalin 2
Gene ID:
3934

Applications

Tested Applications:
Sandwich ELISA

Range:
19.5-1250 pg/mL (Sandwich ELISA)

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

Product Information

MP00770-1 targets NGAL in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: NGAL Recombinant antibody, PBS Only (Capture) 82841-9-PBS (2N10). 100 µg. Concentration 1 mg/mL.

Detection antibody: NGAL Recombinant antibody, PBS Only (Detector) 82841-2-PBS (2L8). 100 µg. Concentration 1 mg/mL.

Alternative NGAL matched antibody pairs: MP00302-1, MP00302-2, MP00302-3, MP00302-4

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

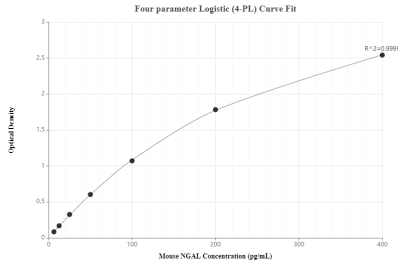
For technical support and original validation data for this product please contact:

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

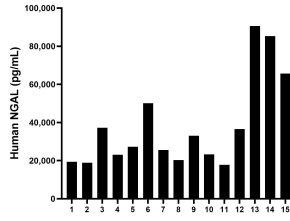
E: proteintech@ptglab.com
W: ptglab.com

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

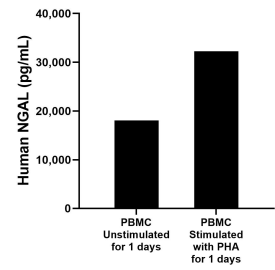
Selected Validation Data



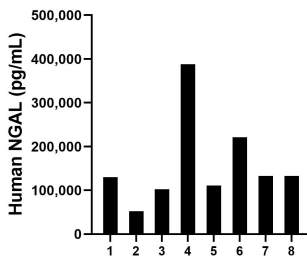
Sandwich ELISA standard curve of MP00770-1, NGAL Recombinant Matched Antibody Pair - PBS only. 82841-9-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0268. 82841-2-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL



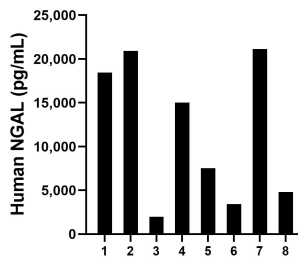
Plasma of fifteen individual healthy human donors was measured. The NGAL concentration of detected samples was determined to be 38,260.8 pg/mL with a range of 17,778.7 - 90,593.8 pg/mL



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 μ g/mL PHA for 1 days. The mean NGAL concentration was determined to be 18,080.8 pg/mL in unstimulated PBMC supernatant, 32,268.8 pg/mL in PHA stimulated PBMC supernatant.



Saliva of eight individual healthy human donors was measured. The NGAL concentration of detected samples was determined to be 158,732.5 pg/mL with a range of 52,136.9 - 388,400.2 pg/mL



Urine of eight individual healthy human donors was measured. The NGAL concentration of detected samples was determined to be 11,654.6 pg/mL with a range of 1,964.2 - 21,150.4 pg/mL