

For Research Use Only

Mouse NGAL Recombinant antibody, PBS Only (Detector)

Catalog Number: 83102-5-PBS



Basic Information

Catalog Number:

83102-5-PBS

Size:

1mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_008491.1

GeneID (NCBI):

16819

UNIPROT ID:

P11672

Full Name:

lipocalin 2

Calculated MW:

23KD

Purification Method:

Protein A purification

CloneNo.:

230372C6

Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA, Indirect ELISA,
Sample test

Species Specificity:

mouse

Background Information

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

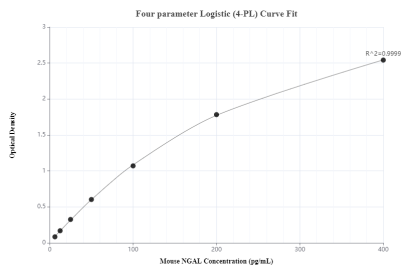
T: 4006900926

E: Proteintech-CN@ptglab.com

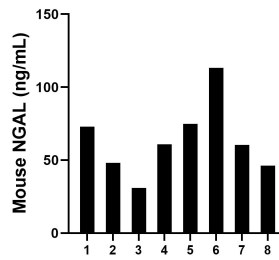
W: ptgcn.com

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

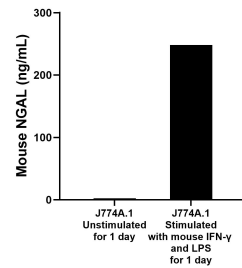
Selected Validation Data



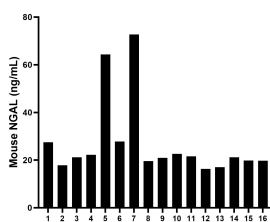
Sandwich ELISA standard curve of MP00302-4, Mouse NGAL Monoclonal Matched Antibody Pair - PBS only. 83102-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0572. 83102-5-PBS was HRP conjugated as the detection antibody. Range: 6.25-400 pg/mL



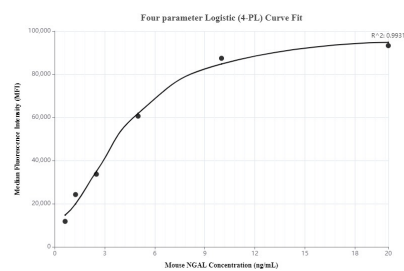
Urine of eight mice were measured. The NGAL concentration of detected samples was determined to be 63.5 ng/mL with a range of 31.0 - 113.3 ng/mL



Mouse reticulum cell sarcoma macrophage cells (0.5×10^6 cells/mL) were cultured for 1 day in DMEM supplemented with 10% fetal bovine serum containing 20 ng/mL of recombinant mouse IFN- γ and 1 μ g/mL of lipopolysaccharide. The mean NGAL concentration was determined to be 2.3 ng/mL in unstimulated J774A.1 supernatant, 248.3 ng/mL in stimulated J774A.1 supernatant.



Serum of sixteen mice were measured. The NGAL concentration of detected samples was determined to be 27.0 ng/mL with a range of 16.3 - 72.7 ng/mL



Cytometric bead array standard curve of MP00302-2, Mouse NGAL Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83102-7-PBS. Detection antibody: 83102-5-PBS. Standard: Eg0572. Range: 0.625-20 ng/mL