

For Research Use Only

MICB Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:86774-2-PBS



Basic Information

Catalog Number:

86774-2-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG6138

GenBank Accession Number:

NM_005931.4

GeneID (NCBI):

4277

UNIPROT ID:

Q29980

Full Name:

MHC class I polypeptide-related sequence B

Calculated MW:

43 kDa

Purification Method:

Protein A purification

CloneNo.:

251684C7

Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA

Species Specificity:

human

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, pH7.3

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

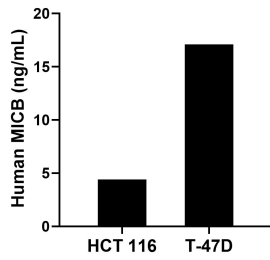
T: 4006900926

E: Proteintech-CN@ptglab.com

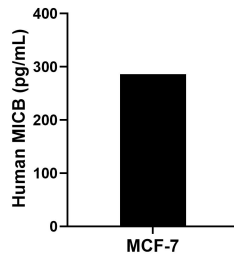
W: ptgcn.com

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

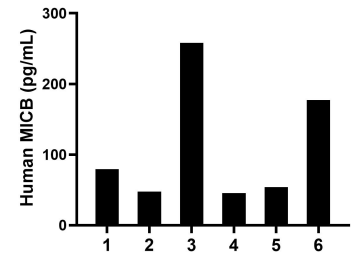
Selected Validation Data



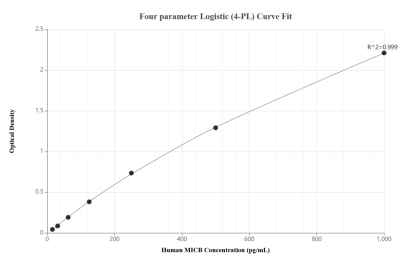
The mean MICB concentration was determined to be 4.4 ng/mL in HCT 116 cell extract based on a 1.3 mg/mL extract load and 17.1 ng/mL in T-47D cell extract based on a 1.2 mg/mL extract load.



MCF-7 were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for human MICB, and measured 285.8 pg/mL.



Serum of six individual healthy human donors was measured. The MICB concentration of detected samples was determined to be 110.3 pg/mL with a range of 45.5-258.0 pg/mL.



Sandwich ELISA standard curve of MP02835-1, Human MICB Recombinant Matched Antibody Pair - PBS only. 86774-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg6138. 86774-2-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL.