

For Research Use Only

IL17RA Recombinant antibody, PBS Only (Detector)

Catalog Number: 84535-2-PBS



Basic Information

Catalog Number:

84535-2-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC011624

GeneID (NCBI):

23765

UNIPROT ID:

Q96F46

Full Name:

interleukin 17 receptor A

Calculated MW:

866 aa, 96 kDa

Observed MW:

100-130 kDa

Purification Method:

Protein A purification

CloneNo.:

241891E11

Applications

Tested Applications:

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

Species Specificity:

human

Background Information

Interleukin-17 receptor A (IL17A) is a major effector cytokine of the innate and adaptive immune system and is involved in antimicrobial host defense and maintenance of tissue integrity. It has been shown that IL-17A is involved in the pathogenesis of asthma and allergy and regulates local immune and inflammatory processes in bone tissue and is involved in the onset and progression of osteoporosis. In addition to this, due to polymorphisms in the IL17RA gene, it leads to the development of Fanconi anemia.

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:

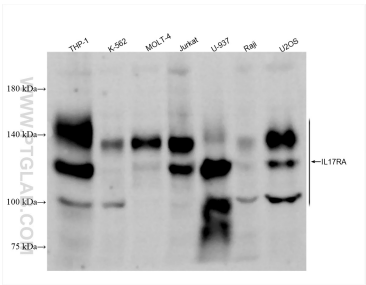
T: 4006900926

E: Proteintech-CN@ptglab.com

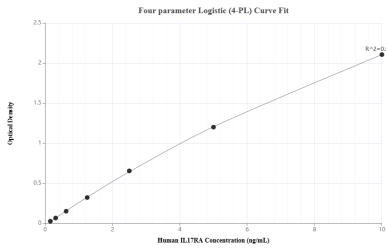
W: ptgcn.com

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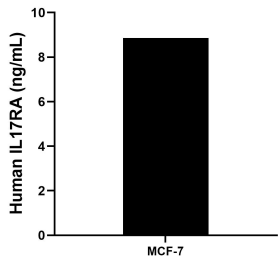
Selected Validation Data



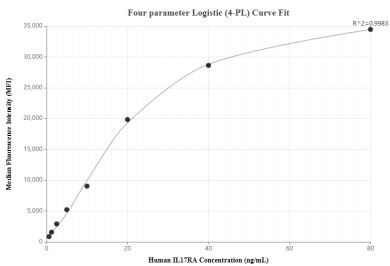
Various lysates were subjected to SDS PAGE followed by western blot with 84535-2-RR (IL17RA antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84535-2-PBS in a different storage buffer formulation.



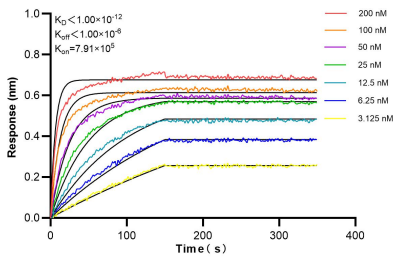
Sandwich ELISA standard curve of MP01397-3, Human IL17RA Recombinant Matched Antibody Pair - PBS only. 84535-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2317. 84535-2-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



The mean IL17RA concentration was determined to be 8.86 ng/mL in MCF-7 cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP01397-1, IL17RA Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84535-1-PBS. Detection antibody: 84535-2-PBS. Standard: Eg2317. Range: 0.625-80 ng/mL



Biolayer interferometry (BLI) kinetic assays of 84535-2-RR against Human IL17RA were performed. The affinity constant is below 1 pM.