BT LAB
Bioassay Technology Laboratory
Optimize Your Research

CD217 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2804
Host	Mouse
Isotype	Mouse IgG2b
Size	100μL, 50μL
Immunogen	Purified recombinant fragment of human CD217 (AA: extra 33-320) expressed in E. Coli.
Mol wt	96.1kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	FCM
Concentration	N/A
Full name	N/A
Synonyms	IL17RA;IL17R;IMD51;CANDF5;CDw217;IL-17RA;hIL-17R

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Interleukin 17A (IL17A) is a proinflammatory cytokine secreted by activated T-lymphocytes. It is a potent inducer of the maturation of CD34-positive hematopoietic precursors into neutrophils. The transmembrane protein encoded by this gene (interleukin 17A receptor; IL17RA) is a ubiquitous type I membrane glycoprotein that binds with low affinity to interleukin 17A. Interleukin 17A and its receptor play a pathogenic role in many inflammatory and autoimmune diseases such as rheumatoid arthritis. Like other cytokine receptors, this receptor likely has a multimeric structure. Alternative splicing results in multiple transcript variants encoding different isoforms.

Recommended Dilution

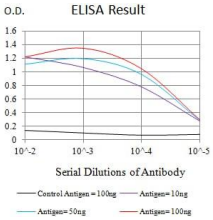
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

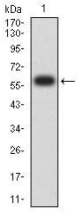
ELISA: 1:10000

Not yet tested in other applications.

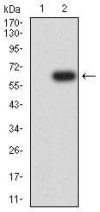
Images



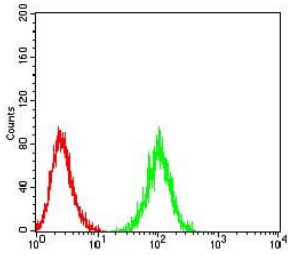
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using CD217 mAb against human CD217 (AA: extra 33-320) recombinant protein. (Expected MW is 59.4 kDa)



Western blot analysis using CD217 mAb against HEK293 (1) and CD217 (AA: extra 33-320)-hIgGFc transfected HEK293 (2) cell lysate.



Flow cytometric analysis of HL-60 cells using CD217 mouse mAb (green) and negative control (red).

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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