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Product Information

MemDX™ Antibody Discovery - Human IL-17 RA / CD217 (33-320) Membrane Protein, Partial, -hIgG1 Fc -Avi tag, [Biotin]

Cat. No.: **MP0359F**
This product is for research use only and is not intended for diagnostic use.

This membrane protein is Human IL-17 RA / CD217 (33-320). It has been tested in SDS-PAGE, ELISA, BLI. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species
Human

Target Protein
IL-17 RA / CD217

Protein Length
ECD

Molecular Weight
The protein has a calculated MW of 61.9 kDa. As a result of glycosylation, the protein migrates as 80-115 kDa under reducing (R) condition, and 150-200 kDa under non-reducing (NR) condition (SDS-PAGE).

Sequence
AA Leu 33 - Trp 320 (Accession # Q96F46-1).

Product Description

Activity
Yes

Application
SDS-PAGE, ELISA, BLI

Expression Systems
HEK293

Tag
Human IgG1 Fc tag at the C-terminus, followed by a Avi tag

Protein Format
Soluble

Form

LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Endotoxin

<1.0 EU/μg by the LAL method

Conjugation

Biotin

Purity

>95% as determined by SDS-PAGE.

Buffer

Lyophilized from 0.22 μm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.

Storage

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.
The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile coditions after reconstitution after storage at -80°C.

Target

Target Protein

IL-17 RA / CD217

Full Name

interleukin 17 receptor A

Introduction

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.

Alternative Names

CD217; IL17R; IMD51; CANDF5; CDw217; IL-17RA; hIL-17R; interleukin-17 receptor A; IL-17 receptor A

Gene ID

23765

UniProt ID

Q96F46