IL17RA/CD217 Monoclonal Antibody

catalog number: **AN200111P**

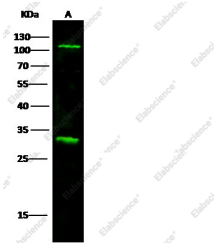
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Human IL17RA protein
Host	Mouse
Isotype	Mouse IgG1
Clone	A959
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	0.2 μm filtered solution in PBS.

Applications	Recommended Dilution
WB	1:500-1:1000

Data



Western Blot with IL17RA / CD217 Monoclonal Antibody at dilution of 1:500. Lane A: Hela Whole Cell Lysate, Lysates/proteins at 30 μg per lane.

Observed-MW:105 kDa

Calculated-MW:96 kDa

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

Interleukin 17 (also known as CTLA-8) is a T cell-expressed pleotropic cytokine. IL-17 binds to IL-17 receptor A (IL-17 RA), also known as IL-17 receptor (IL-17 R). IL-17 RA shares no homology with any known family of receptors. While the expression of IL-17 is restricted to activated T cells, the IL-17 RA mRNA exhibits a broad tissue distribution, and has been detected in virtually all cells and tissues tested. Human IL-17 RA is a 120 kDa, 866 amino acid (aa) type I membrane glycoprotein with a 293 aa extracellular domain, a 21 aa carboxy-proximal transmembrane domain, and a 525 aa cytoplasmic tail. Within the ECD, human IL-17 RA shares 72% aa sequence identity with mouse and rat IL-17 RA. The signaling events of IL-17 includes activation of NF-kappa B and JNK, and require TNF receptor-associated factors 6 (TRAF6) in the signaling pathway.

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