

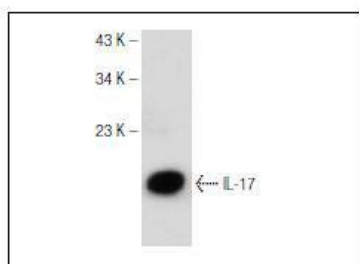
## Anti-IL-17A Antibody (4N793)

## Product Details

Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 15 kDa.
Clone:	4N793
Purification:	ProA affinity purified

## Applications

Verified Activity: 1. Western blot analysis of human recombinant IL-17.



Application: IF,IP,WB

Recommended WB: 1:100-1000; IP: 1-2 µg per 100-500 µg of total protein(1 ml of cell lysate)

## Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

## Antigen Details

Immunogen:	Peptide
Uniprot ID:	Q16552
Synonyms:	IL17

## Research Background

Cytokines are small, soluble proteins with pleiotropic effects on a variety of cell types. Cytokines have a regulatory function over the immune system and mediate aspects of inflammatory response. They exert their biological effects through the binding of membrane-bound receptors which, in turn, initiate signal transduction cascades and elicit physiological changes in their target cell. Interleukin-17 (IL-17) and its cognate receptor, IL-17R, are an example of such a cytokine receptor pair. Originally identified as a rodent cDNA termed CTLA8, IL-17 is capable of inducing the secretion of IL-6 and IL-8 and augmenting the expression of ICAM-1 in human fibroblast cultures. The IL-17 protein exhibits a striking degree of homology with the HSV13 protein which mimics its function. The IL-17 receptor is a type I transmembrane protein 864 amino acids in length, that is highly expressed in spleen and kidney.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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