



Anti-Human IL-17A

Polyclonal Antibody

Catalog: PAR-100-IL17A

Specifications and Use

Target: Human Interleukin-17A

Host and Purification: Ig Fraction of Rabbit Serum

Immunogen: Full length recombinant Human IL-17A

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 with no stabilizers or preservatives

Storage: Store at 2-8°C after restoration with 0.1mL deionized water or -20°C for long term storage, avoid repeat freeze thaws.

Size and Label: 100 µg, Unlabeled

Physical State: Lyophilized

Endotoxin Level: <0.1EUs per ug

Alternate Target Names: IL-17, CTLA-8

Description:

Interleukin-17A (IL-17A), also known as CTLA-8, is a pro-inflammatory cytokine member of a six-species family of proteins (IL-17A-17F). IL-17A is secreted mainly by activated CD4+ and CD8+ T lymphocytes and acts through its receptor, IL-17R, to induce the expression of many mediators of inflammation, most importantly, those that are involved in the proliferation, maturation and chemotaxis of neutrophils. Elevated levels of IL-17A have been associated with several conditions, including rheumatoid arthritis, airway inflammation, allograft rejection, inflammatory bowel disease, psoriasis, cancer and multiple sclerosis. Human, mouse and rat IL-17A show activity on mouse cells. Human IL-17A is disulfide-linked, homodimer consisting of two 137 amino acid proteins and having a total molecular mass of 31 kDa (without glycosylation).

Reported Applications:

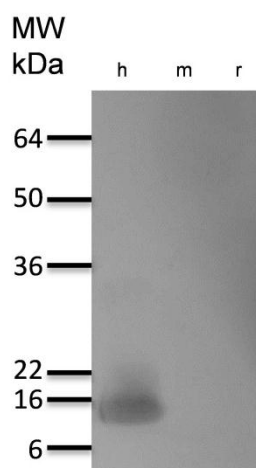
Western Blot
ELISA

Recommended Dilution*:

1:1000 starting
No Data

***INVESTIGATORS ARE ADVISED TO TITRATE ANTIBODIES TO REACH OPTIMAL ASSAY CONDITIONS FOR THEIR SPECIFIC NEEDS.**

THIS PRODUCT IS FOR RESEARCH USES ONLY! THIS PRODUCT IS NOT FOR USE IN HUMANS!!!



Western blot analysis of 1ug of recombinant human IL-17A (100-87), mouse IL-17A (200-59) or rat IL-17A (300-24) using rabbit anti-human IL-17A polyclonal antibody and anti-rabbit secondary antibodies. MW of human IL-17A is 14.9 kDa (under reducing conditions) and 30 kDa under non-reducing conditions.

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