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IL-17A (N) Antibody, Mouse Monoclonal

Cat#: M0002-1

Quantity: 100 ul

Predicted M.W.: 17.5 kDa

Isotype: mouse IgG1

Lot#: Refer to vial

Application: WB, ELISA

Uniprot ID: Q16552

Clone: 7A7

Background:

IL-17A is a proinflammatory cytokine produced by activated T cells. IL-17A is found both in glycosylated and nonglycosylated forms. IL-17A regulates the activities of NF-kappaB and mitogen-activated protein kinases, and it can stimulate the expression of IL6 and cyclooxygenase-2 (PTGS2/COX-2), as well as enhance the production of nitric oxide (NO). High levels of this cytokine are associated with several chronic inflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis.

Other Names:

Cytotoxic T-lymphocyte-associated antigen 8, CTLA-8, IL-17

Source and Purity:

Mouse monoclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human IL-17A. Antibodies were purified by Caprylic Acid-Ammonium Sulfate precipitation.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 40% Glycerol, 0.02% Thimerosal. Store at -20 °C. Stable for at least 6 months from date of receipt.

Species Specificity:

Human

Tested Applications:

WB: 1:1,000-1:5,000 (detect recombinant protein)

ELISA: 1:1,000- 1:10,000 (detect native recombinant protein in a direct ELISA assay).
Suitable for using as ELISA capture or detection antibody.

Product Data:

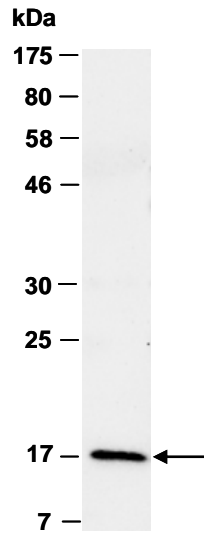


Fig 1. Western blot of recombinant human IL-17A protein (100 ng), using Ab (M0002-1) at RT for 2 h.