



IL17APolyclonal Antibody

E93203

Catalog Number: E93203**Amount:** 100ul

Background: IL-17A is a cystine-linked homodimeric pro-inflammatory cytokine produced by Th17 cells, a distinct CD4+ T cell lineage (1,2). IL-17A stimulates the production of the pro-inflammatory cytokines IL-1 β , TNF- α , and IL-6. IL-17A also induces production of the neutrophil chemoattractants IL-8, CXCL1, and CXCL6 thereby bridging adaptive and innate immunity (1,2). IL-17A is intimately involved in mucosal immunity against bacterial infections (1,3) and has a putative role in some autoimmune disorders (1,4). IL-17A effects appear to be exerted primarily through binding to the IL-17RA (5). IL-17A binding induces production of cytokines, chemokines and other proteins through activation of the Erk1/2 MAP kinase, PI3K/Akt, p38, and NF- κ B pathways (3,4, 6). Phosphorylation of some Jaks and Stats has been observed.

Species: Rabbit**Isotype:** IgG

Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonyms: IL17A;CTLA8;IL-17;IL-17A;IL17 ;**Immunogen:** Recombinant protein of human IL17A**Purification:** Affinity purification**Reactivity:** H M**Applications:** WB IHC IP**Molecular Weight:** 18kDa**Swiss-Prot No. :** Q16552**Gene ID:** 3605

References: 1. Kolls, J.K. and Lindén, A. (2004) Immunity 21, 467-76. 2. Liang, S.C. et al. (2006) J Exp Med 203, 2271-9. 3. Dubin, P.J. and Kolls, J.K. (2008) Immunol Rev 226, 160-71. 4. Zrioual, S. et al. (2009) J Immunol 182, 3112-20. 5. Wright, J.F. et al. (2008) J Immunol 181, 2799-805. 6. Rahman, M.S. et al. (2006) J Immunol 177, 4064-71.

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