

## IL17A mouse monoclonal Ab

Cat.#: BF8019	Concn.: 1mg/ml	Mol.Wt.: 18kDa
Size: 100ul,200ul	Source: Mouse	Clonality: Monoclonal

**Application:** WB 1:200-1:1500, ELISA(peptide) 1:20000-1:40000  
 \*The optimal dilutions should be determined by the end user.

**Reactivity:** Human,Mouse,Rat

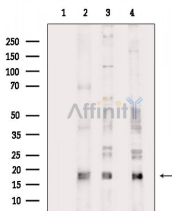
**Purification:** The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

**Immunogen:** A synthesized peptide derived from human IL17A, corresponding to a region within the internal amino acids.

**Uniprot:** Q16552

**Description:** 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?, TNF-?, 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 . IL-17A binding induces production of cytokines, chemokines and other proteins through activation of the Erk1/2 MAP kinase, PI3K/Akt, p38, and NF-?B pathways (3,4, 6).

**Storage:** Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.



Western blot analysis of extracts from various samples, using IL17A mouse monoclonal Ab.

Lane 1: Mouse liver, blocked with antigen-specific peptides,  
 Lane 2: Mouse liver,  
 Lane 3: 293 cells,  
 Lane 4: HepG2 cells.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

For Research Use Only. Not for use in diagnostic and therapeutic procedures. Not for resale without express authorization.