

Product datasheet for **CF814582**

IL17 (IL17A) Mouse Monoclonal Antibody [Clone ID: OTI3H2]

Product data:

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| Product Type: | Primary Antibodies |
| Clone Name: | OTI3H2 |
| Applications: | ELISA |
| Recommended Dilution: | ELISA 1:5000-10000 |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG2b |
| Clonality: | Monoclonal |
| Immunogen: | Human recombinant protein fragment corresponding to amino acids 24-155 of human IL-17A (NP_002181) produced in E.coli. |
| Formulation: | Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose) |
| Reconstitution Method: | For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific) |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Predicted Protein Size: | 17.5 kDa |
| Gene Name: | interleukin 17A |
| Database Link: | NP_002181 Entrez Gene 3605 Human Q16552 |



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| Background: | The protein encoded by this gene is a proinflammatory cytokine produced by activated T cells. This cytokine regulates the activities of NF-kappaB and mitogen-activated protein kinases. This cytokine 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. [provided by RefSeq, Jul 2008] |
| Synonyms: | CTLA-8; CTLA8; IL-17; IL-17A; IL17; ILA17 |
| Protein Families: | Druggable Genome, Secreted Protein |
| Protein Pathways: | Cytokine-cytokine receptor interaction |