

## Product datasheet for **CF814581**

### IL17 (IL17A) Mouse Monoclonal Antibody [Clone ID: OTI3H3]

#### Product data:

|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Clone Name:             | OTI3H3   |
| Applications:           | ELISA  |
| Recommended Dilution:   | ELISA 1:5000-10000   |
| Reactivity:             | Human  |
| Host:                   | Mouse  |
| Isotype:                | IgG1   |
| 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:          | <a href="#">NP_002181</a><br><a href="#">Entrez Gene 3605 Human</a><br><a href="#">Q16552</a>  |



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|--------------------------|--|
| <b>Background:</b>       | 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] |
| <b>Synonyms:</b>         | CTLA-8; CTLA8; IL-17; IL-17A; IL17; ILA17  |
| <b>Protein Families:</b> | Druggable Genome, Secreted Protein   |
| <b>Protein Pathways:</b> | Cytokine-cytokine receptor interaction   |