

## Product datasheet for **AM01281PU-N**

### **IL17a Rat Monoclonal Antibody [Clone ID: TC11-8H4]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	TC11-8H4
Applications:	ELISA
Recommended Dilution:	ELISA.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant mouse IL-17 expressed in E. coli
Specificity:	This antibody recognises mouse Interleukin 17.
Formulation:	Borate buffered saline, pH8.2 State: Purified State: Liquid purified Ig
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody in aliquots at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	interleukin 17A
Database Link:	<a href="#">Entrez Gene 16171 Mouse Q62386</a>



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**Background:**

Interleukin 17 is a 32kDa disulfide-linked homodimer consisting of two 136 amino acid chains, which belongs to the IL-17 family (classified as IL-17A to IL-17F), and signals through the IL-17 receptor (IL-17R/CDw217). IL-17 is produced primarily by activated CD4+ T cells and induces a variety of target cells to secrete inflammatory cytokines, including IL-1beta, IL-6, TNFalpha, IFNgamma and granulocyte colony-stimulating factor, as well as synergizing with other inflammatory cytokines and agonists. The role of IL-17 in bone metabolism has become a focus area for studies into Rheumatoid Arthritis, in which levels of IL-17 are significantly increased and may contribute to bone destruction.

**Synonyms:**

IL-17A, IL17, IL-17, CTLA8, CTLA-8