

Product datasheet for **AM01282PU-N**

IL17a Rat Monoclonal Antibody [Clone ID: TC11-18H10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	TC11-18H10
Applications:	ELISA, FC, IHC, WB
Recommended Dilution:	Western Blot. Flow Cytometry. ELISA: Can be used in a Sandwich ELISA with AM01281BT-N as a detection antibody. This Clone has been described to work in Immunohistochemistry on Paraffin Sections.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody recognizes Mouse Interleukin 17, a 32kDa disulfide-linked homodimer consisting of two 136 amino acid chains, which belong to the IL-17 family
Formulation:	Borate buffered saline with no preservative or stabilizer State: Purified State: Liquid purified IgG fraction
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:	Entrez Gene 16171 Mouse Q62386



[View online »](#)

Background:

IL17, also known as CTLA8, is a T cell derived hematopoietic cytokine. It was originally cloned from a T cell hybridoma produced by fusion of a mouse cytotoxic T cell clone and a rat T lymphoma. IL17 exhibits multiple biological activities on a variety of cells including: the induction of IL6, IL8 and GCSF production in fibroblasts; the enhancement of surface expression of ICAM 1 in fibroblasts; activation of NF kappaB and costimulation of T cell proliferation. IL17 is an approximately 16 kDa polypeptide of 136 amino acids. The precursor form of IL17 consists of 155 amino acids. To generate the mature IL17 (136 amino acids), the precursor cleaves a 19 amino acid signal peptide. Human IL17 shows approximately 62.5% amino acid homology to mouse IL17 and 58% amino acid homology to rat IL17.

Synonyms:

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