



Anti-IL17A monoclonal antibody, clone UD22-29I20.2 (CABT-WN1495)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rat Monoclonal Antibody to Mouse IL17a molecule
Antigen Description	IL-17, also known as CTLA-8, is a T cell-expressed pleiotropic cytokine that exhibits a high degree of homology to a protein encoded by the ORF13 gene of herpes virus Saimiri. Recent study has shown that IL-17 is produced by Th cells (Th17) that are distinct from the traditional Th1- and Th2-cell subsets. IL-23 plays an important role in triggering IL-17 production. Both recombinant and natural IL-17 have been shown to exist as disulfide linked homodimers. IL-17 exhibits multiple biological activities on a variety of cells including: the induction of IL-6 and IL-8 production in fibroblasts, activation of NF-kappaB, and costimulation of T cell proliferation. IL-17 is an essential inflammatory mediator in the development of autoimmune diseases. Neutralization of IL-17 with monoclonal antibody is able to ameliorate the disease course.
Target	IL17a
Immunogen	E. coli-expressed, recombinant mouse IL-17A
Isotype	IgG1
Source/Host	Rat
Species Reactivity	Mouse, Rat, Human, Rhesus monkey
Clone	UD22-29I20.2
Purification	The LEAF (Low Endotoxin, Azide-Free) antibody was purified by affinity chromatography.
Conjugate	Functional Grade
Applications	Neut, WB, ELISA(Cap), ELISPOT
Format	Liquid

Size	1 mg
Buffer	PBS only.
Preservative	None
Storage	-20°C, avoid repeated freeze/thaw cycles

GENE INFORMATION

Entrez Gene ID	3605
UniProt ID	Q16552