



Mouse Anti-Human IL-7 monoclonal antibody, clone NN17 (CABT-ZB496)

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

PRODUCT INFORMATION

Specificity	It reacts with Human IL-7
Target	IL7
Immunogen	Recombinant Human IL7/IL-7/Interleukin-7 Protein
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	NN17
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(cap) This antibody will detect IL-7 in antibody pair set. [ABPR-ZB071]
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human IL7/IL-7/Interleukin-7. The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Format	Purified, Liquid
Concentration	Lot specific
Size	50 µL, 100 µL, 200 µL, 1 mL

Buffer	PBS
Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction IL7, also known as interleukin 7, is a hematopoietic growth factor that belongs to the IL-7/IL-9 family. It is secreted by stromal cells in the bone marrow and thymus. IL7 stimulates the proliferation of lymphoid progenitors. It is important for proliferation during certain stages of B-cell maturation. IL7 and the hepatocyte growth factor (HGF) form a heterodimer that functions as a pre-pro-B cell growth-stimulating factor. It is found to be a cofactor for V(D)J rearrangement of the T cell receptor beta (TCR β) during early T cell development. IL7 can be produced locally by intestinal epithelial and epithelial goblet cells and may serve as a regulatory factor for intestinal mucosal lymphocytes.

Keywords IL8; CXCL8; AMCF-I; interleukin-8

GENE INFORMATION

Synonyms IL8; CXCL8; AMCF-I; interleukin-8; IL-8; C-X-C motif chemokine 8; chemokine (C-X-C motif) ligand 8; alveolar macrophage chemotactic factor I; alveolar macrophage-derived chemotactic factor-I

Entrez Gene ID [3576](#)

UniProt ID [P10145](#)