



Mouse Anti-Human IL-13 monoclonal antibody, clone NN13U (CABT-ZB1008)

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

PRODUCT INFORMATION

Specificity	It reacts with Human IL-13
Target	IL13
Immunogen	Recombinant Human IL13/IL-13/ALRH Protein
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	NN13U
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(det) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB672 - CABT-ZB1008 This antibody will detect IL-13 in antibody pair set. [ABPR-ZB251]
Preparation	This product is a recombinant monoclonal antibody expressed from HEK293 cells.
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 Interleukin 13 (IL-13) is a single-chain glycosylated polypeptide, which belongs to the IL-13/IL-4 family. IL-13 protein is secreted by many cell types, but especially by T helper type 2 (Th2) cells. IL-13 exerts its effects through a multi-subunit receptor comprising the alpha chain of the IL-4 receptor (IL-4R α) and at least one of two known IL-13-specific binding chains (IL-13 R α 1 and IL-13 R α 2). As a cytokine, IL-13 protein is critical in regulating inflammatory, immune responses, and diseases. Also, it inhibits the production of pro-inflammatory cytokines and chemokines, and thus down-regulates macrophage activity. IL-13 protein and antibody are more importantly implicated as a central mediator of immunoregulatory processes in various cell types.

Keywords IL13RA1; interleukin 13 receptor, alpha 1; NR4; CD213A1

GENE INFORMATION

Synonyms	IL13RA1; interleukin 13 receptor, alpha 1; NR4; CD213A1; IL-13Ra; interleukin-13 receptor subunit alpha-1; CT19; IL-13RA1; IL-13R-alpha-1; CD213a1 antigen
Entrez Gene ID	3597
UniProt ID	P78552