



Mouse Anti-Human ST2/IL-1 RL1 monoclonal antibody, clone NN23 (CABT-ZB874)

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

PRODUCT INFORMATION

Specificity	It reacts with Human ST2/IL-1 RL1
Target	IL1RL1
Immunogen	Recombinant Human IL1RL1/IL-1 R4 Protein
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	NN23
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(det) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB502 - CABT-ZB874 This antibody will detect ST2/IL-1 RL1 in antibody pair set. [ABPR-ZB077]
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 IL1RL1 / IL-1 R4. 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	IL-1 receptor–like 1 (IL1RL1) is a membrane receptor involved in TH2 inflammatory responses and eosinophilia. It has previously been described that levels of the interleukin-1 like 1 (IL1RL1) protein can be used to diagnose cardiovascular disease and determine the prognosis for a patient with cardiovascular disease. The ligand for IL1RL1 has been described and named IL-33. Mutants in IL1RL1 have been associated with blood eosinophil counts in a genome-wide association study and with asthma in family-based and case-control studies. As an important mediator involved in many immune and inflammatory responses, this cytokine has been implicated as a regulator of both the development and effector phases of type 2 helper T cell responses, and as a negative feedback modulator of macrophage proinflammatory function. IL33 is a specific ligand of ST2L and induces the production of Th2 cytokines.
Keywords	IL20; interleukin 20; IL-20; IL10D

GENE INFORMATION

Synonyms	IL20; interleukin 20; IL-20; IL10D; ZCYTO10; interleukin-20; cytokine Zcyto10; four alpha helix cytokine; 7E
Entrez Gene ID	50604
UniProt ID	Q9NYY1