



Mouse Anti-Human IL20RA monoclonal antibody, clone NN13 (CABT-ZB594)

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

PRODUCT INFORMATION

Specificity	It reacts with Human IL20RA
Target	IL20RA
Immunogen	Recombinant Human IL20RA/IL-20RA Protein
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	NN13
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(cap) This antibody will detect IL20RA in antibody pair set. [ABPR-ZB172]
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 IL20RA / IL-20RA. 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 Interleukin 20 receptor, alpha subunit (IL20RA/IL-20RA) also known as IL-20 receptor subunit alpha, Cytokine receptor class-II member 8, interleukin-20 receptor I, and interleukin-20 receptor subunit alpha, is a subunit for the interleukin-20 receptor. IL20RA/IL-20RA belongs to the type II cytokine receptor family. This cytokine is a receptor for interleukin 20 (IL20), a cytokine that may be involved in the epidermal function. The receptor of IL20 is a heterodimeric receptor complex consisting of this protein and interleukin 20 receptor beta (IL20B). IL20RA forms heterodimer with IL20RB and the complex serves as a receptor for IL19, IL20, and IL24. All three are capable of signaling through the IL-20RA/IL-20RB complex. The ligand binding to receptor B creating a high-affinity binding site for receptor A which is recruited to complete the complex. Besides, IL20RA also forms a heterodimer with the unique and specific receptor IL10RB and functions as the receptor for IL26. IL20RA is widely expressed with the highest levels in skin, testis, and brain. The expression of both IL20RA and IL20RB is found to be upregulated in psoriatic skin lesions on keratinocytes.

Keywords IL20RA; Interleukin 20 receptor subunit alpha; CRF2-8; IL-20R1

GENE INFORMATION

Synonyms IL20RA; Interleukin 20 receptor subunit alpha; CRF2-8; IL-20R1; IL-20RA; IL-20R-alpha

Entrez Gene ID [50616](#)

UniProt ID [Q9GZX6](#)