

Anti-IL-20RB Antibody (8Q625)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Rat
Conjugation:	Unconjugated
Clone:	8Q625
Purification:	Protein A

Applications

Application:	ELISA
Recommended	ELISA: 1:5000-1:10000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Rat IL20RB Protein (TMPY-02902)
Antigen Species:	Rat
Synonyms:	IL-20R2;interleukin 20 receptor β ;interleukin 20 receptor beta;FNDC6;DIRS1

Research Background

IL20RB belongs to the type II cytokine receptor family. There are two kinds of type II cytokine receptors: cytokine receptors that bind type I and type II interferons; cytokine receptors that bind members of the interleukin-10 family (interleukin-10, interleukin-20, and interleukin-22). Type II cytokine receptors are similar to type I cytokine receptors except they do not possess the signature sequence WSXWS that is characteristic of type I receptors. They are expressed on the surface of certain cells, which bind and respond to a select group of cytokines. These receptors are related predominantly by sequence similarities in their extracellular portions that are composed of tandem Ig-like domains. The intracellular domain of type II cytokine receptors is typically associated with a tyrosine kinase belonging to the Janus kinase (JAK) family. IL20RB and IL20RA form a heterodimeric receptor for interleukin-20.

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