

## Anti-IL-20RA Antibody (7Q925)

## Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	7Q925
Purification:	Protein A

## Applications

Verified Activity:	Immunochemical staining of human IL20Ra in human skin with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections). Positive staining was localized to stratified squamous epithelium.
Application:	ELISA,IHC-P
Recommended	ELISA: 1:1000-1:2000; IHC-P: 1:100-1:500

## 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: Human IL20RA / IL-20RA protein (TMPY-01054)
Antigen Species:	Human
Synonyms:	interleukin 20 receptor, alpha;IL-20R1;IL-20R-alpha;interleukin 20 receptor, $\alpha$ ;IL-20RA;CRF2-8;IL-20R- $\alpha$

## Research Background

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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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