



# Rabbit Anti-Human IL-20 monoclonal antibody, clone S155 (CABT-ZB470)

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

## PRODUCT INFORMATION

<b>Specificity</b>	It reacts with Human IL-20
<b>Target</b>	IL20
<b>Immunogen</b>	Recombinant Human interleukin-20 Protein
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Clone</b>	S155
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA(cap) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB470 - CABT-ZB857 This antibody will detect IL-20 in antibody pair set. [ABPR-ZB045]
<b>Preparation</b>	This antibody was obtained from a rabbit immunized with purified, recombinant Human interleukin-20.
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	50 µL, 100 µL, 1 mL

<b>Buffer</b>	PBS
<b>Preservative</b>	None
<b>Storage</b>	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.
<b>Ship</b>	Wet ice

## BACKGROUND

<b>Introduction</b>	IL20/Interleukin-20 belongs to the IL-10 family. It is a cytokine structurally related to interleukin 10. IL20/Interleukin-20 can be detected in skin, trachea, and other tissues. It is produced by activated keratinocytes and monocytes and transmits an intracellular signal through two distinct cell-surface receptor complexes on keratinocytes and other epithelial cells. It has been shown that interleukin-20 transduces its signal through signal transducer and activator of transcription 3 (STAT3) in keratinocytes. It may be involved in epidermal function and psoriasis. It also regulates the proliferation and differentiation of keratinocytes during inflammation, particularly inflammation associated with the skin. Also, IL20/Interleukin-20 also causes cell expansion of multipotential hematopoietic progenitor cells. A specific receptor for this cytokine is found to be expressed in skin and upregulated dramatically in psoriatic skin, suggesting a role for this protein in epidermal function and psoriasis.
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<b>Keywords</b>	IL20RA; Interleukin 20 receptor subunit alpha; CRF2-8; IL-20R1
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## GENE INFORMATION

<b>Synonyms</b>	IL20RA; Interleukin 20 receptor subunit alpha; CRF2-8; IL-20R1; IL-20RA; IL-20R-alpha
<b>Entrez Gene ID</b>	<a href="#">53832</a>
<b>UniProt ID</b>	<a href="#">Q9UHF4</a>