

Product datasheet for **PP1209B1**

IL20 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Direct ELISA: To detect Human IL-20 by direct ELISA (using 100 µl/well antibody solution) this antibody can be used at a concentration of ~0.25-1.0 µg/ml. Used in conjunction with compatible secondary reagents, allows the detection of at least 2000-4000 pg/ml of recombinant Human IL-20. Sandwich ELISA: To detect Human IL-20 by Sandwich ELISA (using 100 µl/well antibody solution) this antibody can be used at a concentration of ~1.0 µg/ml. Used in conjunction with Purified anti-IL-20 Antibody (Cat.-No PP1209P1 or PP1209P2) as a Capture Antibody, allows the detection of at least 2000-4000 pg/ml of recombinant Human IL-20. Western Blot: To detect Human IL-20 by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant Human IL-20 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Highly pure (>98%) E.coli derived, 35.2 kDa recombinant Human IL-20.
Formulation:	PBS, pH 7.2 without preservatives Label: Biotin State: Lyophilized purified Ig fraction Label: conjugated
Reconstitution Method:	Restore to a concentration of 0.1-1.0 mg/ml with sterile PBS solution containing 0.1% BSA.
Purification:	Affinity Chromatography
Conjugation:	Biotin
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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Gene Name: interleukin 20

Database Link: [Entrez Gene 50604 Human Q9NYY1](#)

Background: IL20 is a cytokine structurally related to interleukin 10 (IL10). This cytokine has been shown to transduce its signal through signal transducer and activator of transcription 3 (STAT3) in keratinocytes. A specific receptor for this cytokine is expressed in skin and upregulated dramatically in psoriatic skin, suggesting a role for this protein in epidermal function and psoriasis.

Synonyms: IL-20, ZCYTO10