



IL-20 Antibody (biotin)

CATALOG NUMBER: 38-133

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	<p>ELISA:</p> <p>Direct:</p> <p>To detect hIL-20 by direct ELISA (using 100 uL/well antibody solution) a concentration of 0.25 - 1.0 ug/mL of this antibody is required. This biotinylated polyclonal antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hIL-20.</p> <p>Sandwich</p> <p>To detect hIL-20 by sandwich ELISA (using 100 uL/well antibody solution) a concentration of 0.25 - 1.0 ug/mL of this antibody is required. This biotinylated polyclonal antibody, in conjunction with our polyclonal Anti-Human IL-20 as a capture antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hIL-20.</p> <p>Western Blot:</p> <p>To detect hIL-20 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 ug/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hIL-20 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.</p>
USER NOTE:	Centrifuge vial prior to opening.
IMMUNOGEN:	Produced from sera of goats pre-immunized with highly pure (>98%) recombinant hIL-20. Human IL-20 specific antibody was purified by affinity chromatography and then biotinylated.
HOST SPECIES:	Goat

Properties

PHYSICAL STATE:	Lyophilized
STORAGE CONDITIONS:	IL-20 antibody is stable for at least 2 years from date of receipt at -20°C. The reconstituted antibody is stable for at least two weeks at 2-8°C. Frozen aliquots are stable for at least 6 months when stored at -20°C. Avoid repeated freeze-thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Biotin

Additional Info

ALTERNATE NAMES:	IL-20, IL10D, ZCYTO10, UNQ852/PRO1801, Interleukin-20, Cytokine Zcyto10, IL-20
ACCESSION NO.:	Q9NYY1
PROTEIN GI NO.:	38258955
OFFICIAL SYMBOL:	IL20
GENE ID:	50604

Background

BACKGROUND:	IL20 is a cytokine structurally related to interleukin 10 (IL10). This cytokine has been shown to transduce its
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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.

FOR RESEARCH USE ONLY

December 13, 2016