

# IL20 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant IL20.

Catalog # AT2514a

## Product Information

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<b>Application</b>	WB, IP, E
<b>Primary Accession</b>	<a href="#">Q9NYY1</a>
<b>Other Accession</b>	<a href="#">NM_018724</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG1 Kappa
<b>Clone Names</b>	2H8
<b>Calculated MW</b>	20072

## Additional Information

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<b>Gene ID</b>	50604
<b>Other Names</b>	Interleukin-20, IL-20, Cytokine Zcyto10, IL20, ZCYTO10
<b>Target/Specificity</b>	IL20 (NP_061194, 67 a.a. ~ 176 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 IP~~N/A E~~N/A
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	IL20 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

## Background

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The protein encoded by this gene 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 found to be expressed in skin and upregulated dramatically in psoriatic skin, suggesting a role for this protein in epidermal function and psoriasis.

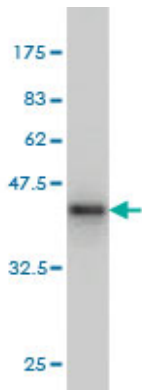
## References

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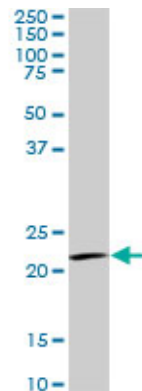
Interleukin-9 polymorphism in infants with respiratory syncytial virus infection: an opposite effect in boys and girls. Schuurhof A, et al. *Pediatr Pulmonol*, 2010 Jun. PMID 20503287. New genetic associations detected in a host response study to hepatitis B vaccine. Davila S, et al. *Genes Immun*, 2010 Apr. PMID

20237496.IL-24 transgenic mice: in vivo evidence of overlapping functions for IL-20, IL-22, and IL-24 in the epidermis. He M, et al. J Immunol, 2010 Feb 15. PMID 20061404.The Th17 cytokine IL-22 induces IL-20 production in keratinocytes: a novel immunological cascade with potential relevance in psoriasis. Wolk K, et al. Eur J Immunol, 2009 Dec. PMID 19830738.Cytokine expression and signaling in drug-induced cellular senescence. Novakova Z, et al. Oncogene, 2010 Jan 14. PMID 19802007.

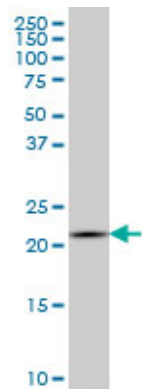
Images



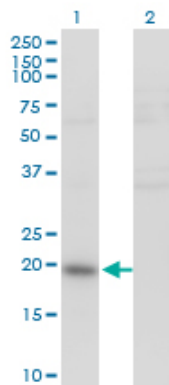
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.84 KDa) .



IL20 monoclonal antibody (M01), clone 2H8. Western Blot analysis of IL20 expression in A-431 ( (Cat # AT2514a )

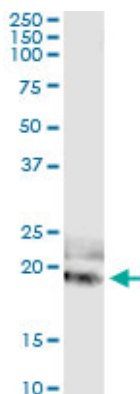


IL20 monoclonal antibody (M01), clone 2H8 Western Blot analysis of IL20 expression in K-562 ( (Cat # AT2514a )

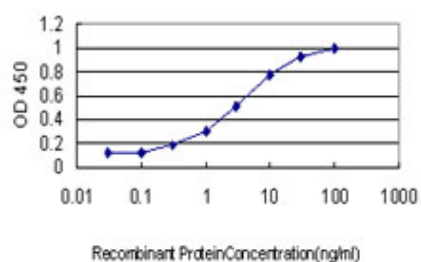


Western Blot analysis of IL20 expression in transfected 293T cell line by IL20 monoclonal antibody (M01), clone 2H8.

Lane 1: IL20 transfected lysate(20.1 KDa).  
Lane 2: Non-transfected lysate.



Immunoprecipitation of IL20 transfected lysate using anti-IL20 monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with IL20 MaxPab rabbit polyclonal antibody.



Detection limit for recombinant GST tagged IL20 is approximately 0.3ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.