IL20 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	IL20, Monoclonal Antibody
Full Product Name	Anti-Human IL20 Antibody (SAA0389), APC
Product Gene Name	anti-IL20 antibody
Product Synonym Names	IL20; Cytokine Zcyto10; ZCYTO10; IL-20; Interleukin-20
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	SAA0389
Host	Mouse
Species Reactivity	Human
Form/Format	Liquid; 0.01M PBS, pH 7.4, 0.2% BSA, 0.05% Proclin 300.
Concentration	0.5mg/ml (lot specific)
Preparation and Storage	Store at 4 degree C for 12 months. Protect from light. Do not freeze.
Molecular Weight	20,072 Da
Chromosome Location	Chromosome: 1; NC_000001.10 (207039154..207042568). Location: 1q32
OMIM	605619
3D Structure	ModBase 3D Structure for Q9NYY1
Conjugation	APC
Product Categories/Family for anti-IL20 antibody	Super-Affinity Antibodies; Flow Cytometry Antibodies
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-IL20 antibody	ELISA (EIA), Flow Cytometry (FC/FACS/FCM)
Related Product Information for anti-IL20 antibody	MBS1585166 is an antibody targeting IL20. Also known as Anti-Human IL20 Antibody (SAA0389), APC. Reactive in Human. Host: Mouse.
Other Notes	Small volumes of anti-IL20 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IL20. It may not necessarily be applicable to this product.

NCBI GI #	31083166
NCBI GeneID	50604
NCBI Accession #	NP_061194.2
UniProt Primary Accession #	Q9NYY1

UniProt Secondary Accession #	Q17RB3; Q96QZ6
UniProt Related Accession #	Q9NYY1
GenBank Nucleotide #	NM_018724.3
NCBI Official Full Name	interleukin-20
NCBI Official Synonym Full Names	interleukin 20
NCBI Official Symbol	IL20
NCBI Official Synonym Symbols	IL-20; IL10D; ZCYTO10
UniProt Protein Name	Interleukin-20
UniProt Synonym Protein Names	Cytokine Zcyto10
Protein Family	Interleukin
UniProt Gene Name	IL20
UniProt Synonym Gene Names	ZCYTO10; IL-20
UniProt Entry Name	IL20_HUMAN
NCBI Protein Information	interleukin-20; cytokine Zcyto10; four alpha helix cytokine
NCBI Summary for IL20	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. [provided by RefSeq, Jul 2008]
UniProt Comments for IL20	IL20: Cytokine that may be involved in epidermal function and psoriasis. Acts through STAT3. Belongs to the IL-10 family. Protein type: Secreted, signal peptide; Cytokine; Secreted Chromosomal Location of Human Ortholog: 1q32 Cellular Component: extracellular space; extracellular region Molecular Function: interleukin-20 receptor binding; interleukin-22 receptor binding; cytokine activity Biological Process: positive regulation of osteoclast differentiation; positive regulation of epidermal cell differentiation; regulation of inflammatory response; positive regulation of JAK-STAT cascade; immune response; inflammatory response; positive regulation of keratinocyte differentiation; positive regulation of tyrosine phosphorylation of Stat3 protein
Research Articles on IL20	**1.** A significant association was found between the combined genotypes of IL19GC + CC and IL20TG + GG and increased risk of vesicoureteral reflux.
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