IL22 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	IL22, Polyclonal Antibody
Full Product Name	IL22 (Interleukin-22, IL-22, Cytokine Zcyto18, IL-10-related T-cell-derived-inducible Factor, IL-TIF, ILTIF, ZCYTO18, UNQ3099/PRO10096, MGC79382
Product Gene Name	anti-IL22 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human IL22.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	20,011 Da
Chromosome Location	Chromosome: 12; NC_000012.11 (68642025..68647281, complement). Location: 12q15
OMIM	605330
3D Structure	ModBase 3D Structure for Q9GZX6
Immunogen	Full length human IL22, aa1-179 (NP_065386.1).
Immunogen Sequence	MAALQKSVSSFLMGTLATSCLLLLALLVQGGAAAPISSHCRLDKSNFQQPYITNRTFMLAKEASLADNNTDVRLIGEKLFHGVSMSERCYLMKQVLNFTLE
Conjugate	MaxLight650
Note	Preservative Free
Product Categories/Family for anti-IL22 antibody	Antibodies; Interleukin
Applications Tested/Suitable for anti-IL22 antibody	Western Blot (WB)
Application Notes for anti-IL22 antibody	Applications are based on unconjugated antibody.

Related Product Information for anti-IL22 antibody	MBS6382736 is an antibody targeting IL22. Also known as IL22 (Interleukin-22, IL-22, Cytokine Zcyto18, IL-10-related T-cell-derived-inducible Factor, I Host: Rabbit. Cytokine that contributes to the inflammatory response in vivo.
Other Notes	Small volumes of anti-IL22 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessar 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 IL22. It may not necessarily be applicable to this product.

NCBI GI #	10092625
NCBI GeneID	50616
NCBI Accession #	NP_065386.1
UniProt Primary Accession #	Q9GZX6
UniProt Related Accession #	Q9GZX6
GenBank Nucleotide #	NM_020525.4
NCBI Official Full Name	interleukin-22
NCBI Official Synonym Full Names	interleukin 22
NCBI Official Symbol	IL22
NCBI Official Synonym Symbols	TIFa; IL-21; IL-22; ILTIF; IL-TIF; IL-D110; zcyto18; TIFIL-23
UniProt Protein Name	Interleukin-22
UniProt Synonym Protein Names	Cytokine Zcyto18; IL-10-related T-cell-derived-inducible factor
Protein Family	Interleukin
UniProt Gene Name	IL22
UniProt Synonym Gene Names	ILTIF; ZCYTO18; IL-22; IL-TIF
UniProt Entry Name	IL22_HUMAN
NCBI Protein Information	interleukin-22; cytokine Zcyto18; IL-10-related T-cell-derived inducible factor; IL-10-related T-cell-derived-inducible factor
UniProt Comments for IL22	IL22: Cytokine that contributes to the inflammatory response in vivo. Belongs to the IL-10 family. Protein type: Secreted, signal peptide; Cytokine; Secreted Chromosomal Location of Human Ortholog: 12q15 Cellular Component: extracellular space; extracellular region Molecular Function: interleukin-22 receptor binding; cytokine activity Biological Process: cell-cell signaling; response to glucocorticoid stimulus; acute-phase response; inflammatory response
Research Articles on IL22	**1.** Our results suggest that inflammatory cytokines IL-22 and TNF-alpha may play a key role in the ocular immune response in Behcet's disease.
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