Interleukin 22 (IL-22) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Interleukin 22 (IL-22), Polyclonal Antibody
Full Product Name	Interleukin 22 (IL-22, IL-10 Related T cell-derived Inducible Factor, IL-TIF) (MaxLight 550)
Product Gene Name	anti-IL-22 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. Labeled with MaxLight550.
Purity/Purification	Purified by Immunoaffinity chromatography.
Specificity	Recognizes mouse interleukin-22.
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 amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight550 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	20,106 Da
3D Structure	ModBase 3D Structure for Q9JJY9
Immunogen	Recombinant mouse IL-22.
Conjugate	MaxLight550
Note	Preservative Free
Product Categories/Family for anti-IL-22 antibody	Antibodies; Interleukin
Applications Tested/Suitable for anti-IL-22 antibody	Western Blot (WB), FLISA
Application Notes for anti-IL-22 antibody	WB: 0.1-0.2ug/ml FLISA: 0.5-2ug/ml Applications are based on unconjugated antibody.
Related Product Information for anti-IL-22 antibody	MBS6483321 is an antibody targeting IL-22. Also known as Interleukin 22 (IL-22, IL-10 Related T cell-derived Inducible Factor, IL-TIF) (MaxLight 550). Reactive in Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-IL-22 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 IL-22. It may not necessarily be applicable to this product.

NCBI GI #	8393605
NCBI GeneID	50929

NCBI Accession #	NP_058667.1
UniProt Primary Accession #	Q9JJY9
UniProt Secondary Accession #	Q14BB3
UniProt Related Accession #	Q9JJY9
GenBank Nucleotide #	NM_016971.2
NCBI Official Full Name	interleukin-22
NCBI Official Synonym Full Names	interleukin 22
NCBI Official Symbol	Il22
NCBI Official Synonym Symbols	IL-22; Iltif; IL-22a; ILTIFa
UniProt Protein Name	Interleukin-22
UniProt Synonym Protein Names	IL-10-related T-cell-derived-inducible factor; IL-TIF; IL-TIF alpha; Interleukin-22a; IL-22a
Protein Family	Interleukin-22 receptor
UniProt Gene Name	Il22
UniProt Synonym Gene Names	Il22a; Iltif; Iltifa; IL-22; IL-TIF; IL-22a
UniProt Entry Name	IL22_MOUSE
NCBI Protein Information	interleukin-22; IL-10-related T-cell-derived-inducible factor; IL-TIF alpha; ILTIF alpha; interleukin 10-related T cell-derived inducible factor; interleukin-22a
UniProt Comments for IL-22	IL22: Cytokine that contributes to the inflammatory response in vivo. Belongs to the IL-10 family. Protein type: Secreted, signal peptide; Cytokine; Secreted Cellular Component: extracellular space; extracellular region Molecular Function: protein binding; cytokine activity Biological Process: regulation of tyrosine phosphorylation of Stat3 protein; negative regulation of inflammatory response; positive regulation of transcription from RNA polymerase II promoter
Research Articles on IL-22	**1.** Th1/Th2 and Th17 cells producing IL-22 are found in Leishmania resistant mice but not Balb c mice with draining lesions.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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