

Anti-Human IL22 DyLight® 488 conjugated Antibody(monoclonal, 7F2)

Catalog Number: M00963-Dyl488

About IL22

Interleukin-22 (IL-22), also known as ILTIF, is protein that in humans is encoded by the IL22 gene. IL-22 a member of a group of cytokines called the IL-10 family or IL-10 superfamily, a class of potent mediators of cellular inflammatory responses. Using FISH, the IL22 gene is mapped to chromosome 12q15, close to the IFNG and the herpesvirus saimiri-induced AK155 genes. IL-22 can contribute to immune disease through the stimulation of inflammatory responses, S100s and defensins. It also promotes hepatocyte survival in the liver and epithelial cells in the lung and gut similar to IL-10. In some contexts, the pro-inflammatory versus tissue-protective functions of IL-22 are regulated by the often co-expressed cytokine IL-17A.

Overview

Product Name	Anti-Human IL22 DyLight® 488 conjugated Antibody(monoclonal, 7F2)
Reactive Species	Human
Description	Boster Bio Anti-Human IL22 DyLight® 488 conjugated Antibody (monoclonal, 7F2) catalog # M00963-Dyl488. Tested in Flow Cytometry applications. This antibody reacts with Human.
Conjugate	DyLight®488
Application	Flow Cytometry
Clonality	Monoclonal 7F2
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Mouse
Uniprot ID	Q9GZX6

Technical Details

Immunogen	E. coli-derived human IL-22 recombinant protein (Position: A34-I179). Human IL-22 shares 81.4% amino acid (aa) sequence identity with mouse IL-22.
Predicted Reactive Species	Human
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Mouse IgG1
Form	Liquid
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution

	procedure.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: Flow Cytometry, 1-3ug/1x10⁶ cells

Anti-Human IL22 DyLight® 488 conjugated Antibody(monoclonal, 7F2) (M00963-Dyl488) Images



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