

Anti-Human IL22 DyLight® 550 conjugated Antibody(monoclonal, 7F2)

Catalog Number: M00963-Dyl550

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

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| Product Name | Anti-Human IL22 DyLight® 550 conjugated Antibody(monoclonal, 7F2) |
| Reactive Species | Human |
| Description | Boster Bio Anti-Human IL22 DyLight® 550 conjugated Antibody (monoclonal, 7F2) catalog # M00963-Dyl550. Tested in Flow Cytometry applications. This antibody reacts with Human. |
| Conjugate | DyLight®550 |
| 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

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

Anti-Human IL22 DyLight® 550 conjugated Antibody(monoclonal, 7F2) (M00963-DyI550) Images



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