

Datasheet for ABIN6654055
anti-IL-22 antibody (AA 34-179)



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Overview

Quantity:	100 µg
Target:	IL-22 (IL22)
Binding Specificity:	AA 34-179
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IL-22 antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Amino acids A34-I179 from the human protein were used as the immunogen for the IL22 antibody.
Clone:	7F2
Isotype:	IgG1
Purification:	Protein G affinity

Target Details

Target:	IL-22 (IL22)
Alternative Name:	IL-22 (IL22 Products)
Background:	Interleukin-22 (IL-22), also known as ILTIF, is protein that in humans is encoded by the IL22

Target Details

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.

UniProt: [Q9GZX6](#)

Application Details

Application Notes: Optimal dilution of the IL22 antibody should be determined by the researcher.\. FACS: 1-3 μ g/ 10^6 cells

Restrictions: For Research Use only

Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

Storage Comment: After reconstitution, the IL22 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.