



Interleukin 21 (IL-21)

Catalog number

I8442-01B

Supplier

United States Biological

Interleukin-21 (IL-21), a cytokine with immunoregulatory activity. IL-21 stimulates B- and T-cell proliferation and increases the activity of NK cells and disease-specific cytotoxic T-cells. It might also inhibit dendritic cell activation and maturation during the T-cell mediated immune response.

Applications

Suitable for use in Western Blot and Immunohistochemistry. Other applications not tested.

Recommended Dilution

Western Blot: 0.5-1ug/ml ~18kD in HL60 cell lysate.
Immunohistochemistry Frozen: 2ug/ml
Optimal dilutions to be determined by the researcher.

Storage and Stability

May be stored at 4°C for short-term only. For long-term storage and to avoid repeated freezing and thawing, aliquot and store at -20°C. Aliquots are stable for at least 12 months at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

Immunogen

Synthetic peptide corresponding to 15 amino acid peptide located near the center of human IL-21.

Formulation

Supplied as a liquid in PBS, 0.02% sodium azide.

Purity

Purified by immunoaffinity chromatography.

Specificity

Recognizes human Interleukin 21

Product Type

Pab

Source

human

Isotype

IgG

Grade



Affinity Purified

Applications

IHC WB

Crossreactivity

Hu

Storage

-20°C

MW

18