Interleukin 10 (IL-10). Mouse Monoclonal Antibody 945A5D11 , Human

IL-10, Cytokine synthesis inhibitory factor, CSIF

Background

Inhibits the synthesis of a number of cytokines, including IFN-gamma, IL-2, IL-3, TNF and GM-CSF produced by activated macrophages and by helper T-cells.Defects in IL10 are a cause of susceptibility to Crohn disease (CD) [MIM:266600]. CD is a form of remitting inflammatory bowel disease (IBD). CD may involve any part of the gastrointestinal tract, but most frequently the terminal ileum and colon. Bowel inflammation is transmural and discontinuous. Crohn disease is commonly classified as autoimmune disease.

Ordering Information

Catalog Number
X2388M

Size
500 µg

Form
Unconjugated

Host/Clone
Mouse Clone 945A5D11

Formulation
Provided as solution in phosphate buffered saline with 0.08% sodium azide

Concentration
1 mg/ml

Isotype
IgG1

Applications
ELISA

Immunogen

Hybridoma produced by the fusion of splenocytes from BALB/c mice immunized with recombinant human Interleukin 10 and NSO mouse myeloma cells.

Species Reactivity

Human

Comments

Immediately prior to use as a capture antibody in a sandwich ELISA, dilute this preparation to a concentration of 1–5 µg/ml in an appropriate buffer, and coat each well with 100 µl. Alternatively, the antibody may be diluted in buffered solution containing carrier protein such as phosphate buffered saline supplemented with 1% BSA. Optimal concentration should be evaluated by serial dilutions.

Storage

Product should be stored at -20ºC. Aliquot to avoid freeze/thaw cycles

Stability

Products are stable for one year from purchase when stored properly

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POSITIVE CONTROL/TISSUE EXPRESSION

Specific for the human form of IL-10 and does not bind to the Epstein Barr viral IL-10

SHIP CONDITIONS

Ship at ambient temperature, freeze upon arrival

REFERENCES

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