

Interleukin-10 (Neutralizing) IL-10. Rat Monoclonal Antibody JES3-9D7, 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
X1911M

SIZE
1.0 mg

FORM
Unconjugated

HOST/CLONE
Rat Clone JES3-9D7

FORMULATION
Provided as sterile filtered solution in phosphate buffered saline pH 7.2

CONCENTRATION
1 mg/ml

ISOTYPE
IgG1

APPLICATIONS
Neutralization, ELISA (coating antibody, Flow Cytometry)

IMMUNOGEN

Hybridoma produced by the fusion of splenocytes from rats immunized with recombinant human Interleukin 10 and P3X63-AG8.653 myeloma cells.

SPECIES REACTIVITY

Human

COMMENTS

Immediately prior to use as a coating antibody in ELISA, dilute this preparation to a final concentration of 1–5 $\mu\text{g}/\text{mL}$ in an appropriate buffer, and coat each well of a microtiter plate with 100 μl . A general ELISA procedure is available upon request. Alternatively, the antibody may be diluted in buffered solution with carrier protein, such as phosphate buffered saline with 0.1–1.0% bovine serum albumin. The optimal antibody concentration should be determined for each specific application.

STORAGE

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

STABILITY

Products are stable for one year from purchase when stored properly

For research use only. Not for use in human diagnostics or therapeutics.

POSITIVE CONTROL/TISSUE EXPRESSION

Produced by a variety of cell lines, including T-cells, macrophages, mast cells and other cell types.

SHIP CONDITIONS

Ship on gel ice, store at -20°C immediately upon arrival

REFERENCES

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