**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 IL-10 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.

**IMMUNOGEN**

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

**APPLICATIONS**

Neutralization, ELISA (coating antibody), Flow Cytometry

**ORDERING INFORMATION**

**CATALOG NUMBER**

X1910M

**SIZE**

500 µg

**FORM**

Unconjugated

**HOST/CLONE**

Rat Clone JES3-9D7

**FORMULATION**

Provided as sterile filtered solution in phosphate buffered saline pH 7.2

**CONCENTRATION**

See vial for concentration

**ISOTYPE**

IgG1

**SPECIES REACTIVITY**

Human

**ACCESSION NUMBER**

P22301, Human

**IMMUNOGEN**

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

**POSITIVE CONTROL/TISSUE EXPRESSION**

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

**COMMENTS**

Immediately prior to use as a coating antibody in ELISA, dilute this preparation to a final concentration of 1-5 µg/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.
Purification
Protein A/G Chromatography

Ship Conditions
Ship on gel ice, store at -20ºC immediately upon arrival

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

Stability
Products are stable for one year from purchase when stored properly

References