
Anti-Human IL-2 Purified

Catalog Number: 14-7029

Also Known As: Interleukin-2

RUO: For Research Use Only. Not for use in diagnostic procedures.

Product Information

Contents: Anti-Human IL-2 Purified

 **Catalog Number:** 14-7029

Clone: MQ1-17H12

Concentration: 0.5 mg/mL

Host/Isotype: Rat IgG2a, kappa

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer



Temperature Limitation: Store at 2-8°C.



Batch Code: Refer to Vial



Use By: Refer to Vial



Caution, contains Azide

Description

The MQ1-17H12 antibody reacts with human interleukin-2 (IL-2), a 17 kDa T cell growth factor and a major immunoregulatory cytokine. The MQ1-17H12 antibody is a non-neutralizing antibody.

Applications Reported

The MQ1-17H12 antibody has been reported for use as capture antibody for ELISA and for intracellular staining for flow cytometric analysis. Fluorochrome conjugated MQ1-17H12 antibody is recommended for use in intracellular staining for flow cytometry.

Applications Tested

The MQ1-17H12 antibody has been tested as the capture antibody in a sandwich ELISA for analysis of human Interleukin-2 (IL-2) in combination with the biotin anti-human IL-2 poly (13-7028) antibody for detection and recombinant human IL-2 (14-8029) as the standard. A suitable range of concentrations of this antibody for ELISA capture is 1-4 µg/ml. A standard curve consisting of doubling dilutions of the recombinant standard over the range of 1000 pg/ml - 8 pg/ml should be included in each ELISA plate.

References

Andersson J, Abrams J, Björk L, Funa K, Litton M, Agren K, Andersson U. Concomitant in vivo production of 19 different cytokines in human tonsils. Immunology. 1994 Sep;83(1):16-24.

Abrams JS, Roncarolo MG, Yssel H, Andersson U, Gleich GJ, Silver JE. Strategies of anti-cytokine monoclonal antibody development: immunoassay of IL-10 and IL-5 in clinical samples. Immunol Rev. 1992 Jun;127:5-24.

Related Products

00-4202 ELISA Diluent Solution (5X)

00-4203 Super AquaBlue ELISA Substrate

11-0039 Anti-Human CD3 FITC (HIT3a)

12-0039 Anti-Human CD3 PE (HIT3a)

13-7028 Anti-Human IL-2 Biotin (Polyclonal)

14-8029 Human IL-2 Recombinant Protein

18-4100 Avidin HRP

44-2404 Nunc MaxiSorp® flat-bottom 96 well plate

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