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## Anti-Human IL-6 Purified

**Catalog Number:** 14-7069

**Also Known As:** Interleukin-6

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

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### Product Information

**Contents:** Anti-Human IL-6 Purified

 **Catalog Number:** 14-7069

**Clone:** MQ2-13A5

**Concentration:** 0.5 mg/mL

**Host/Isotype:** Rat IgG1, 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**

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### Description

The MQ2-13A5 antibody reacts with human interleukin-6 (IL-6), a 21-28 kDa cytokine secreted by a variety of cell types.

### Applications Reported

The MQ2-13A5 antibody has been reported for use in capture of human IL-6 by ELISA, intracellular staining for flow cytometric analysis, and for neutralizing IL-6 bioactivity.

### Applications Tested

The MQ2-13A5 antibody has been tested as the capture antibody in a sandwich ELISA for analysis of human Interleukin-6 (IL-6) in combination with the biotin MQ2-39C3 (13-7068) antibody for detection and recombinant human IL-6 (14-8069) as the standard. A suitable range of concentrations of this antibody for ELISA capture is 2-8 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., J. Abrams, et al. Concomitant in vivo production of 19 different cytokines in human tonsils. 1994. Immunology 83(1): 16-24.

Gaines Das, R. E. and S. Poole. The international standard for interleukin-6. Evaluation in an international collaborative study. 1993. J Immunol Methods 160(2): 147-53.

### Related Products

00-4202 ELISA Diluent Solution (5X)

13-7068 Anti-Human IL-6 Biotin (MQ2-39C3)

18-4100 Avidin HRP

39-8069 Human IL-6 Single-Use ELISA RSG Standard

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

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