
Anti-Human IL-10 Purified

Catalog Number: 14-7108

Also known as: Interleukin-10, IL10

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

Product Information

Contents: Anti-Human IL-10 Purified
Catalog Number: 14-7108
Clone: JES3-9D7
Concentration: 0.5 mg/mL
Host/Isotype: Rat IgG1, kappa

REF



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

Contains sodium azide

Description

The JES3-9D7 monoclonal antibody reacts with human interleukin-10 (IL-10).

Applications Reported

The JES3-9D7 antibody has been reported for use in capture of human IL-10 by ELISA, intracellular flow cytometric analysis, and for neutralizing IL-10 bioactivity. (Use Functional Grade purified for functional studies cat.16-7108).

Applications Tested

The JES3-9D7 antibody has been tested as the capture antibody in a sandwich ELISA for analysis of human Interleukin-10 (IL-10) in combination with the biotin JES3-12G8 (13-7109) antibody for detection and recombinant human IL-10 (14-8109) 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

Nowacki TM, Kuerten S, Zhang W, Shive CL, Kreher CR, Boehm BO, Lehmann PV, Tary-Lehmann M. Granzyme B production distinguishes recently activated CD8(+) memory cells from resting memory cells. *Cell Immunol.* 2007 May;247(1):36-48. (**JES3-9D7**, ELISPOT, PubMed)

Sendide K, Deghmane AE, Pechkovsky D, Av-Gay Y, Talal A, Hmama Z. Mycobacterium bovis BCG attenuates surface expression of mature class II molecules through IL-10-dependent inhibition of cathepsin S. *J Immunol.* 2005 Oct 15;175(8):5324-32. (**JES3-9D7**, FA, PubMed)

Martin M, Schifferle RE, Cuesta N, Vogel SN, Katz J, Michalek SM. Role of the phosphatidylinositol 3 kinase-Akt pathway in the regulation of IL-10 and IL-12 by Porphyromonas gingivalis lipopolysaccharide. *J Immunol.* 2003 Jul 15;171(2):717-25. (**JES3-9D7**, NU in vitro, PubMed)

Chandler SW, Rassekh CH, Rodman SM, Ducatman BS. Immunohistochemical localization of interleukin-10 in human oral and pharyngeal carcinomas. *Laryngoscope.* 2002 May;112(5):808-15. (**JES3-9D7**, IHC paraffin)

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)
11-0049 Anti-Human CD4 FITC (RPA-T4)
13-7109 Anti-Human IL-10 Biotin (JES3-12G8)
14-8109 Human IL-10 Recombinant Protein
18-4100 Avidin HRP
44-2404 Nunc MaxiSorp® flat-bottom 96 well plate

Not for further distribution without written consent.

Copyright © 2000-2012 eBioscience, Inc.

Tel: 888.999.1371 or 858.642.2058 • Fax: 858.642.2046 • www.ebioscience.com •
info@ebioscience.com