



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Rat Anti-Human Interleukin-10 (IL-10)

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-01608

Target Species
Human

Isotype
IgG1

Preparation

Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Immunogen: Recombinant human IL-10

Formulation

Product Form: Purified IgG - liquid

Product Type: Monoclonal Antibody

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium Azide

Approx. Protein Concentrations: IgG concentration 1.0 mg/ml

Specificity

DS-MB-01608 is specific for human Interleukin - 10 (IL-10). IL-10 is an immunoregulatory cytokine which is expressed by activated CD8+ve peripheral blood T-cells, CD4+ve T-cell clones, B cell lymphomas, activated monocytes and mast cells.

Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Flow Cytometry (1)	•			1/10 - 1/50
ELISA	•			
Western Blotting	•			1/100

Note: Other applications have not been tested. Optimal dilutions should be determined.
(1) Use 10ul of the suggested working dilution to label 10^6 cells in 100ul. Method sheets are available on request.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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Secondary Antibody Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	•			1:5000-1:10000

Storage

Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life: 18 months from date of dispatch.

Reference

1. Abrams J. *et al.* (1992) Strategies of anti-cytokine monoclonal antibody development: Immunoassay of IL-10 and IL-5 in clinical samples. *Immunol. Rev.* 127: 5-24.
2. Othieno C. *et al.* (1999) Interaction of mycobacterium tuberculosis - induced transforming growth factor beta 1 and interleukin-10. *Infect. Immun.* 67:5730-5735.
3. Benjamin, J.L. *et al.* (2011) Randomised, double-blind, placebo-controlled trial of fructo-oligosaccharides in active Crohn's disease. *Gut* 2010.232025
4. Cua, D.J. *et al.* (1999) Transgenic interleukin 10 prevents induction of experimental autoimmune encephalomyelitis. [J Exp Med. 189: 1005-10.](#)

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