

TECHNICAL DATA SHEET

In Vivo Ready™ Anti-Human IL-4 (MP4-25D2)

Catalog Number: 40-7048

PRODUCT INFORMATION

Contents: In Vivo Ready™ Anti-Human IL-4 (MP4-25D2)

Isotype: Rat IgG1, kappa

Concentration: 2.0 mg/mL

Clone: MP4-25D2

Reactivity: Human

Use By: 12 months from date of receipt

Storage Conditions: 2-8°C

Endotoxin Level: Less than or equal to 0.01 EU/ug, as determined by the LaL assay

Formulation: 10 mM NaH₂PO₄, 150 mM NaCl, pH7.2

DESCRIPTION

The MP4-25D2 antibody is specific for human IL-4, a pleiotropic cytokine that promotes Th2 cell differentiation, B cell proliferation and differentiation, and B cell class switching to IgE. MP4-25D2 is a neutralizing antibody and is reported to cross react with rhesus monkey IL-4.

PREPARATION & STORAGE

This monoclonal antibody preparation was purified from tissue culture supernatant via affinity chromatography. For In Vivo Ready™ (IVR) products, each preparation is also evaluated for endotoxin levels using the LAL assay. It is recommended to store the product undiluted at 4°C. Do not freeze.

APPLICATION NOTES

Tonbo Biosciences tests all of our antibodies by flow cytometry. Citations may be provided as a resource for additional applications that have not been validated by Tonbo Biosciences - please consult Materials and Methods sections for additional details about the use of any product in these publications.

REFERENCES

Abrams JS, Roncarolo MG, Yssel H, Andersson U, Gleich GJ, and Silver JE. 1992. Immunol Rev. 127:5-24. Chretien I, Van Kimmenade A, Pearce MK, Banchereau J, and Abrams JS. 1989. J Immunol Methods. 117(1):67-71. Jung T, Schauer U, Rieger C, et al. 1995. Eur J Immunol. 25(8):2413-2416. Prussin C and Metcalfe DD. 1995. J Immunol Methods. 188(1):117-128.

Tonbo Biosciences tests all antibodies by flow cytometry. Citations are provided as a resource for additional applications that have not been validated by Tonbo Biosciences. Please choose the appropriate format for each application and consult Materials and Methods sections for additional details about the use of any product in these publications.

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