

Technical Data Sheet

InVivoMAb anti-human CD1a



Attention: Use of this product constitutes an agreement to Bio X Cell's Terms and Conditions which are included with this product in print and can also be found at <https://bioxcell.com/terms-and-conditions>.

Lot Specific Information

Lot Number: Lot Specific*
Volume: Lot Specific*
Concentration: Lot Specific* (generally 4 to 11 mg/ml) *
Total Protein: Lot Specific*

*This information will be noted on the certificate of analysis that ships with this product.

Product Information

Catalog Number: BE0211
Clone: OKT-6
Isotype: Mouse IgG1
Recommended Isotype Control(s): InVivoMAb mouse IgG1 isotype control, unknown specificity
Recommended Dilution Buffer: InVivoPure pH 7.0 Dilution Buffer
Immunogen: Human acute lymphoblastic leukaemia cells
Reported Applications: *in vitro* CD1a blockade
Flow cytometry
Formulation: PBS, pH 7.0
Contains no stabilizers or preservatives
Endotoxin: <2EU/mg (<0.002EU/μg)
Determined by LAL gel clotting assay
Purity: >95%
Determined by SDS-PAGE
Sterility: 0.2 μm filtered
Production: Purified from cell culture supernatant in an animal-free facility
Purification: Protein G
RRID: [AB_2687697](https://eutils.ncbi.nlm.nih.gov/entrez/eutils/rrid.cgi?db=AB_2687697)
Molecular Weight: 150 kDa

Description

The OKT-6 monoclonal antibody reacts with human CD1a a member of the CD1 family of transmembrane glycoproteins. The CD1 proteins are structurally related to the major histocompatibility complex (MHC) proteins and form heterodimers with β2-microglobulin. The CD1 proteins mediate the presentation of primarily lipid and glycolipid antigens of self or microbial origin to T cells.

Storage

Store at the stock concentration at 4°C . **Do not freeze.**

It is not uncommon for a floccule or precipitate to appear during storage. The floccule is typically buffer salts precipitating out of solution or a small bit of protein aggregation. For information on how to remove floccules or precipitates see our FAQ's at <https://bioxcell.com/faqs>.

Protocol Information

Since applications vary, each investigator should use the application references as a guide to help estimate the appropriate dose or concentration. The dose or concentration can be further optimized experimentally in a dose response or titration experiment.

Application References

For a complete list of references, visit https://bioxcell.com/be0211?bxcs=9k1b3a#tab_references or scan the QR code below.



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