



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 <i>in vitro</i> CD1a blockade |
| Reported Applications: | 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 tissue culture supernatant in an animal free facility |
| Purification: | Protein G |
| RRID: | 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.

Shelf-life and Storage

Store at the stock concentration at 4°C. **Do not freeze.**
All Bio X Cell antibodies have a guaranteed shelf-life of one year from the date of customer receipt when stored as recommended. 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 bxcell.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://bxcell.com/product/h-cd1-thymocyte/#references> or scan the QR code below.

Bio X Cell, Inc.

bxcell.com
1.866.787.3444
customerservice@bxcell.com

Conditions: For Research Use Only. Not for use in diagnostic or therapeutic procedures. Not for resale.
Bio X Cell, Bio X Cell Logo and all other trademarks are the property of Bio X Cell, Inc. © 2020 Bio X Cell



Bio X Cell, Inc.

bxcell.com

1.866.787.3444

customerservice@bxcell.com

Conditions: For Research Use Only. Not for use in diagnostic or therapeutic procedures. Not for resale.

Bio X Cell, Bio X Cell Logo and all other trademarks are the property of Bio X Cell, Inc. © 2020 Bio X Cell