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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: **BE0368**
Clone: **MOAB-2**
Isotype: Mouse IgG2b, λ
Recommended Isotype Control(s): InVivoMAb mouse IgG2b isotype control, unknown specificity
Recommended Dilution Buffer: InVivoPure pH 7.0 Dilution Buffer
Immunogen: Human A β 42
Reported Applications: Western blot
Immunohistochemistry
Immunofluorescence
Immunoprecipitation
ELISA
Formulation: PBS, pH 7.0
Contains no stabilizers or preservatives
Endotoxin: <2EU/mg (<0.002EU/ μ g)
Determined by LAL gel clotting assay
Purity: >95%
Determined by SDS-PAGE
Sterility: 0.2 μ m filtration
Purification: Protein A
RRID: [AB_2927505](https://ab2927505)
Molecular Weight: 150 kDa

Description

The MOAB-2 monoclonal antibody (epitope mapped to residues 1-5 of human A β) is a pan-specific antibody. Using synthetic A β , it recognizes unaggregated, oligomeric or fibrillar forms of A β 42 and unaggregated A β 40, and is selective for human A β 42 over A β 40. With synthetic A β or human or rodent brain homogenates, MOAB-2 specifically detects A β , but not amyloid precursor protein (APP), which is cleaved by β - and γ - secretase to release A β . With immunostaining of human or rodent tissue, MOAB-2 detects intraneuronal A β , as well as diffuse or compact amyloid plaques.

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/be0368?bxcs=9k1b3a#tab_references or scan the QR code below.



Bio X Cell, LLC

<https://bioxcell.com>

+1-866-787-3444

customerservice@bioxcell.com

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