Technical Data Sheet

InVivoMAb anti-human/mouse/rat amyloid-beta

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:	**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 Aβ42
Reported Applications:	Western blot Immunohistochemistry Immunofluorescence Immunoprecipitation ELISA
Formulation:	PBS, pH 7.0 Contains no stabilizers or preservatives
Endotoxin:	≤1EU/mg (≤0.001EU/μg) Determined by LAL gel clotting assay
Purity:	≥95% Determined by SDS-PAGE
Sterility:	0.2 μm filtration
Purification:	Protein A
RRID:	AB_2927505
Molecular Weight:	150 kDa

Description

The MOAB-2 monoclonal antibody (epitope mapped to residues 1-5 of human Aβ) is a pan-specific antibody. Using synthetic Aβ, it recognizes unaggregated, oligomeric or fibrillar forms of Aβ42 and unaggregated Aβ40, and is selective for human Aβ42 over Aβ40. With synthetic Aβ or human or rodent brain homogenates, MOAB-2 specifically detects Aβ, but not amyloid precursor protein (APP), which is cleaved by β- and Y- secretase to release Aβ. With immunostaining of human or rodent tissue, MOAB-2 detects intraneuronal Aβ, 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.

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