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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Ampicillin [aL2] Standard Size Ab04240-30.11

This is an scFv fragment with a His tag.

This is a reformatted mouse scFv antibody, based on the original mouse scFv format, created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: scFv fragment (His), ScFv

Clone Number: aL2

Alternative Name(s) of Target: Principen; AM; AMP

UniProt Accession Number of Target Protein:

Published Application(s): crystallization, ELISA

Published Species Reactivity: Species independent

Immunogen: The original antibody was generated through the construction of a phage-displayed scFv library from Balb/c mice immunized with an ampicillin-bovine serum albumin conjugate.

Specificity: This antibody is specific for intact ampicillin.

Application Notes: This antibody was screened using ELISA, and its crystal structure has been determined (Burmester et al., 2001; PMID: 11397088).

Antibody First Published in: Burmester et al. Selection, characterization, and x-ray structure of anti-ampicillin single-chain Fv fragments from phage-displayed murine antibody libraries J Mol Biol. 2001 Jun 8;309(3):671-85. doi: 10.1006/jmbi.2001.4663 [PMID:11397088](#)

Note on publication: The original publication investigates the construction of single-chain Fv (scFv) antibody libraries from mice immunized with an ampicillin-bovine serum albumin conjugate, leading to the selection, characterization, and X-ray structure determination of an anti-ampicillin scFv fragment (aL2) with specificity for intact ampicillin.

Product Form

Size: 100 µg Purified antibody.

Purification: Purified by Immobilized Metal Affinity Chromatography

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration:

1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.