

ADC Isotype Control Mouse IgG2a (MMAF)

Catalog # DNP-CM487



BIOSYSTEMS
Acro

Source

ADC Isotype Control Mouse IgG2a (MMAF) is a recombinant mouse monoclonal antibody expressed in HEK293 cells.

Antibody Type

Recombinant Monoclonal

Isotype

Mouse IgG2a, Kappa

Host Species

Mouse

Purification

Protein A purified / Protein G purified.

Aggregation

Less than 5%, as determined by SEC-MALS.

Concentration

Please refer to the Certificate of Analysis (CoA).

Form

Lyophilized

Formulation

Lyophilized from a 0.22 µm-filtered solution in PBS (pH 7.4), with trehalose as protectant.

Please contact us for customized product forms or formulations.

Reconstitution

Please refer to the Certificate of Analysis (CoA) for specific instructions.

Shipping

Lyophilized product is shipped at ambient temperature.

Storage

For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

Notices

Product Specific Notices: For research use only.

ACRO Quality Management System

- [QMS\(ISO, GMP\)](#).
- [Quality Advantages](#)
- [Quality Control Process](#)

Background

MMAF (Monomethyl auristatin F) is an auristatin-derived microtubule inhibitor. With a mechanism of action similar to MMAE, it inhibits tumor cell proliferation by interfering with microtubule dynamics, yet exhibits superior water solubility and plasma stability with lower off-target toxicity. As a cytotoxic payload for ADCs, it is suitable for developing anti-tumor ADCs for MMAE-resistant cases or those requiring reduced systemic toxicity.

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