

Biotinylated Monoclonal Anti-Datopotamab Antibody, Mouse IgG1 (7D3)

Catalog # DAB-BLY2439a



Source

Biotinylated Monoclonal Anti-Datopotamab Antibody, Mouse IgG1 (7D3) is a recombinant mouse monoclonal antibody expressed in HEK293 cells.

Antibody Type

Recombinant Monoclonal

Clone

7D3

Isotype

Mouse IgG1, Kappa

Host Species

Mouse

Conjugate

Biotin

Specificity

Specifically recognizes Human Datopotamab; This antibody is a neutralizing antibody.

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 in a 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.

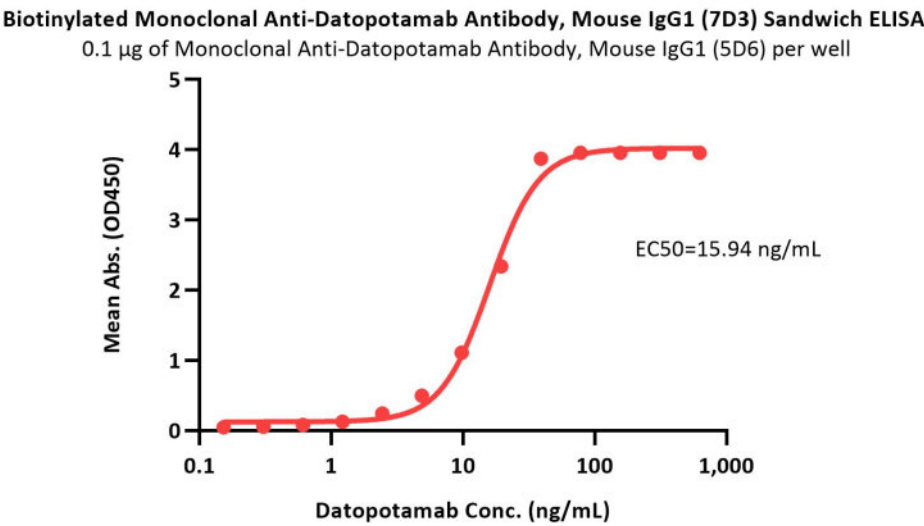
Notices

Product Specific Notices: For research use only.

ACRO Quality Management System

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

Bioactivity-ELISA



Immobilized Monoclonal Anti-Datopotamab Antibody, Mouse IgG1 (5D6) (Cat. No. DAB-MY2438a) at 1 µg/mL, add Datopotamab and then add Biotinylated Monoclonal Anti-Datopotamab Antibody, Mouse IgG1 (7D3) (Cat. No. DAB-BLY2439a) at 2 µg/mL. Detection was performed using HRP-conjugated Streptavidin (Acro, Cat. No. STN-NH913) (QC tested).

Background

A humanized monoclonal IgG1 antibody that binds to human trophoblast cell surface antigen 2 (TROP2), a transmembrane glycoprotein overexpressed on the surface of various epithelial tumor cells. Datopotamab contains human constant regions and variable regions (complementarity-determining regions) derived from a murine antibody specific for TROP2. It is produced in a Chinese Hamster Ovary (CHO) mammalian cell expression system and has a molecular weight of approximately 148 kilodaltons.



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