

PRODUCT DATA SHEET

Apolipoprotein M Human, Sheep Polyclonal Antibody

Cat. No.: RD184129100

Source of Antigen: HEK293

Host: Sheep

Size: 0.1 mg

Type: Polyclonal Antibody

Other Names:

Apo M, Protein G3a, G3a, G3A, NG20

Preparation:

The antibody was raised in sheep by immunization with the recombinant Human Apolipoprotein M.

Amino Acid Sequence of Immunogen:

The immunization antigen (20 kDa – calculated) is a protein containing 179 AA of recombinant Human Apolipoprotein M. UniProt entry O95445. N-Terminal Flag-tag 13 extra AA.

HVDYKDDDDK PAGCPEHSQL TTLGVDGKEF PEVHLGQWYF IAGAAPTKEE LATFDPVDNI
VFNMAAGSAP MQLHLRATIR MKDGLCVPRK WIYHLTEGST DLRTTEGRPDM KTELFSSSCP
GGIMLNETGQ GYQRFLLYNR SPHPPEKCV EFKSLTSCLD SKAFLLTPRN QEACELSNN

Purification Method:

Immunoaffinity chromatography on a column with immobilized recombinant Human Apolipoprotein M.

Species Reactivity:

Human. Not yet tested in other species.

Antibody Content:

0.1 mg (determined by BCA method, BSA was used as a standard)

Formulation:

The antibody is lyophilized in 0.05 M phosphate buffer, 0.1 M NaCl, pH 7.2.

Reconstitution:

Add 0.2 ml of deionized water and let the lyophilized pellet dissolve completely. Slight turbidity may occur after reconstitution, which does not affect activity of the antibody. In this case clarify the solution by centrifugation.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

The lyophilized antibody remains stable and fully active until the expiry date when stored at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles and store frozen at -80°C. Reconstituted antibody can be stored at 4°C for a limited period of time; it does not show decline in activity after one week at 4°C.

Quality Control:

SDS PAGE - to determine purity of the antibody

BCA - to determine quantity of the antibody

Applications:

ELISA

Note:

This product is for research use only.