

PRODUCT DATA SHEET

Leptin Mouse, Rabbit Polyclonal Antibody

Cat. No.: RD281001220

Size: 0.1 mg

Source of Antigen: E. coli

Type: Polyclonal Antibody

Host: Rabbit

Isotype: IgG

Other Names:

Obesity factor, Obese protein, LEP, OB, OBS

Preparation:

The antibody was raised in rabbits by immunization with the recombinant Mouse Leptin.

Amino Acid Sequence of Immunogen:

Recombinant Mouse Leptin, total 147 AA, MW: 16,2 kDa (calculated). UniProtKB acc.no. P41160.

MVPIQKVQDD TKTLIKTIVT RINDISHTQS VSAKQRVTGL DFIPGLHPIL SLSKMDQTLA
VYQQVLTSLP SQNVLQIAND LENLRDLLHL LAFSKSCSLP QTSGGLQKPES LDGVLEASLY
STEVVALSRL QGSLQDILQQ LDVSPEC

Purification Method:

Immunoaffinity chromatography on a column with immobilized recombinant Mouse Leptin.

Species Reactivity:

Mouse. Rat. 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. AZIDE FREE.

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:

Indirect ELISA – to determine titer of the antibody

SDS PAGE – to determine purity of the antibody

BCA - to determine quantity of the antibody

Applications:

ELISA, Western blotting

Note:

This product is for research use only.