

PRODUCT DATA SHEET

Midkine Human, Rabbit Polyclonal Antibody

Cat. No.: RD181042050

Size: 0.05 mg

Source of Antigen: E. coli

Type: Polyclonal Antibody

Host: Rabbit

Other Names:

MK, NRGF-2, Neurite growth promoting factor 2

Preparation:

The antibody was raised in rabbits by immunization with the recombinant Human Midkine.

Amino Acid Sequence of Immunogen:

The immunization antigen (146 kDa) is a protein containing 121 amino acid residues of the human Midkine and 10 additional amino acid residues – HisTag (highlighted)

MKHHHHHHHM KKKDKVKKGG PGSECAEWAW GPCTPSSKDC GVGFRGTCG
AQTQRIRCRV PCNWKKEFGA DCKYKFENWG ACDGGTGTKV RQGTLLKARY
NAQCQETIRV TKPCTPKTKA KAKAKKGGK D

Species Reactivity:

Human. Not yet tested in other species.

Antibody Content:

0.05 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 0.1 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.