

## 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, NEGF-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.

MKHHHHHHHM KKKDKVKKGG PGSECAEWAW GPCTPSSKDC GVGFRGTCG AQTQRIRCRV  
PCNWKKEFGA DCKYKFENWG ACDGGTGTKV RQGLKKARY NAQCQETIRV TKPCTPKTKA  
KAKAKKGK GK 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.

#### 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:**

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.