

PRODUCT DATA SHEET

Granulysin Human, Sheep Polyclonal Antibody

Cat. No.: RD184327100

Size: 0.1 mg

Source of Antigen: E. coli

Type: Polyclonal Antibody

Host: Sheep

Other Names:

Lymphokine LAG-2, T-cell activation protein 519, GNLY, LAG2, NKG5, TLA519

Preparation:

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

Amino Acid Sequence of Immunogen:

The immunization antigen (15.33 kDa) is a protein containing 133 AA of recombinant Human Granulysin. N-terminal His-tag, 10 extra AA (highlighted).

MKHHHHHHAS RLSPEYYDLA RAHLRDEEKS CPCLAQEGPQ GDLLTKTQEL GRDYRTCLTI
VQKLKKMVDK PTQRSVSNAA TRVCRTGRSR WRDVCNFM RYQSRVTQGL
VAGETAQQIC EDLRLCIPST GPL

Purification Method:

Immunoaffinity chromatography on a column with immobilized recombinant Human Granulysin.

Species Reactivity:

Human

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