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PRODUCT DATA SHEET

sPLA2-IIA Human, Rabbit Polyclonal Antibody

Cat. No.: RD181055100
Source of Antigen: E. coli
Host: Rabbit
Size: 0.1 mg
Type: Polyclonal Antibody

Other Names:

Phospholipase A2 membrane associated, GIIC sPLA2, Group IIA phospholipase A2, Non-pancreatic secretory phospholipase A2, NPS-PLA2, Phosphatidylcholine 2-acylhydrolase 2A, PLA2G2A, PLA2B, PLA2L, RASF-A

Preparation:

The antibody was raised in rabbits by immunization with th recombinant Human sPLA2-IIA.

Amino Acid Sequence of Immunogen:

The immunization antigen (15.8 kDa) is a protein containing 140 AA of recombinant Human sPLA2-IIA. N-Terminal His-tag, 16 extra AA.

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MRGSHHHHHH GMASHMNLVN FHRMIKLTTG KEAALSYGFY GCHCGVGGRG SPKDATDRCC
VTHDCCYKRL EKRGCGTKFL SYKFSNSGSR ITCAKQDSCR SQLCECDKAA ATCFARNKTT
YNKKYQYYSN KHCRGSTPRC
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The amino acid sequence of the recombinant Human Secreted Phospholipase A2-IIA is 100% homologous to the amino acid sequence of the Human Secreted Phospholipase A2-IIA without signal sequence

Purification Method:

Immunoaffinity chromatography on a column with immobilized recombinant Human sPLA2-IIA.

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:

Indirect ELISA – to determine titer of the antibody
SDS PAGE – to determine purity of the antibody
BCA - to determine quantity of the antibody

Applications:

Western blotting

Note:

This product is for research use only.