

Product Datasheet

SCD-1 Antibody NB100-2476

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB100-2476

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NB100-2476



NB100-2476**SCD-1 Antibody****Product Information**

| | |
|----------------------|--|
| Unit Size | 0.1 mg |
| Concentration | 0.5 mg/ml |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Immunogen affinity purified |
| Buffer | Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA |

Product Description

| | |
|--------------------|--|
| Description | Novus Biologicals Goat SCD-1 Antibody (NB100-2476) is a polyclonal antibody validated for use in IHC, ELISA and Flow. Anti-SCD-1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Goat |
| Gene ID | 6319 |
| Gene Symbol | SCD |
| Species | Human |
| Immunogen | Peptide with sequence C-RIKRTGDGNYKSG, from the C Terminus of the protein sequence according to NP_005054.3. |

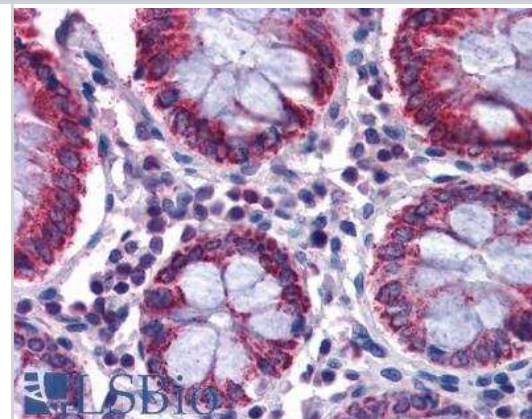
Product Application Details

| | |
|------------------------------|---|
| Applications | Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, Peptide ELISA |
| Recommended Dilutions | Flow Cytometry, Immunohistochemistry 5 ug/ml, Immunohistochemistry-Paraffin 5 ug/ml, Peptide ELISA detection limit 1:64000 |
| Application Notes | WB: Preliminary experiments gave an approx 30kDa band in Human Adipose, Brain and Liver lysates after 0.3 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 41.5kDa according to NP_005054.3. The 30kDa band was successfully blocked by incubation with the immunizing peptide. IHC: In paraffin embedded Human Liver shows textured cytoplasm staining in hepatocytes. Flow Cytometry: Exclusively staining of HepG2 when mixed with Peripheral Blood Lymphocytes. |

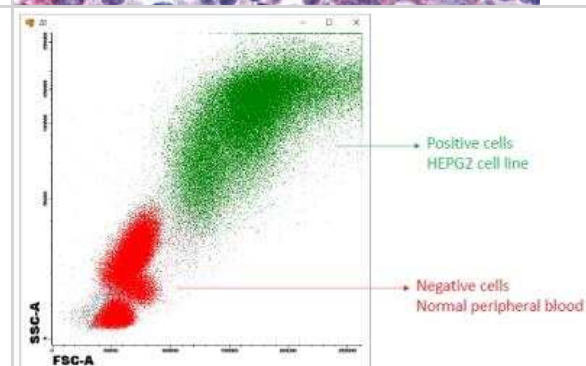


Images

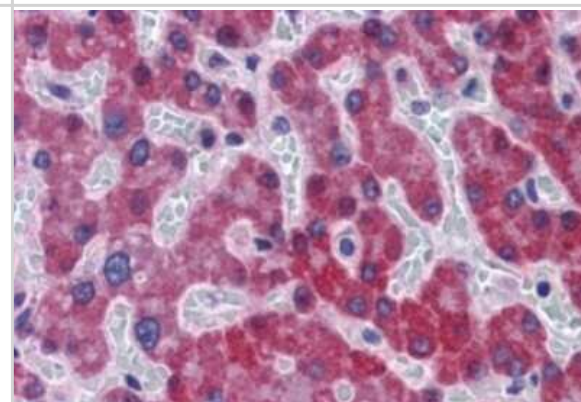
Immunohistochemistry-Paraffin: SCD-1 Antibody [NB100-2476] - Staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Flow Cytometry: SCD Antibody [NB100-2476] - staining of HepG2 cells mixed in with PBL. Detected by fluorescence with PE for SCD in green and with OC515 for CD45 (CYT-450C) in red.



Immunohistochemistry-Paraffin: SCD Antibody [NB100-2476] - (5ug/ml) staining Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Zhang S, Yang Y, Shi Y. Characterization of human SCD2, an oligomeric desaturase with improved stability and enzyme activity by cross-linking in intact cells. Biochem J 2004-12-20 [PMID: 15610069]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB100-2476

| | |
|-----------------|--|
| NBL1-15724 | SCD-1 Overexpression Lysate |
| HAF017 | Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| HAF109 | Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| NB410-28088-1mg | Goat IgG Isotype Control |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB100-2476

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications



