

Product Datasheet

SMARCC1 Antibody (JB43-43) NBP2-75666

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-75666

Updated 1/3/2023 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/NBP2-75666



NBP2-75666

SMARCC1 Antibody (JB43-43)

Product Information

| | |
|--------------------------------|--|
| Unit Size | 100 ul |
| Concentration | 1 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | JB43-43 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG |
| Purity | Protein A purified |
| Buffer | TBS (pH7.4), 0.05% BSA, 40% Glycerol |
| Target Molecular Weight | 123 kDa |

Product Description

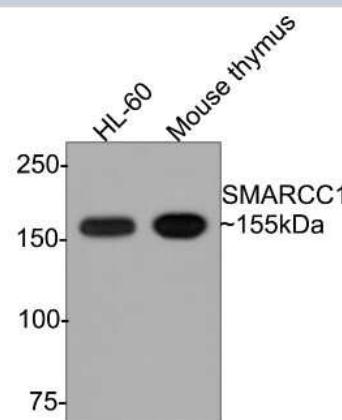
| | |
|--------------------|---|
| Host | Rabbit |
| Gene Symbol | SMARCC1 |
| Species | Human, Rat |
| Immunogen | Recombinant protein within Human SMARCC1 aa 680-820 / 1,105. (SwissProt: Q92922 Human; SwissProt: D3ZJU5 Rat) |

Product Application Details

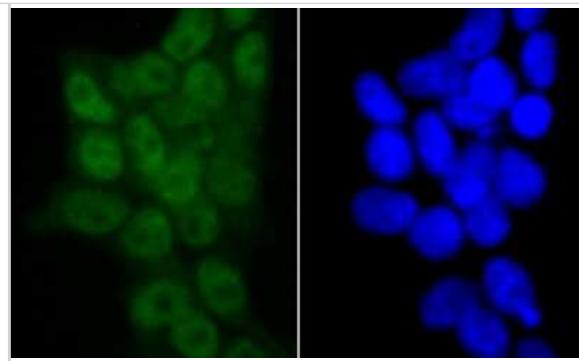
| | |
|------------------------------|---|
| Applications | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunoprecipitation |
| Recommended Dilutions | Western Blot 1:500-1:1000, Flow Cytometry 1:500-1:1000, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation 1:10-1:50, Immunohistochemistry-Paraffin 1:50-1:400 |

Images

Western Blot: SMARCC1 Antibody (JB43-43) [NBP2-75666] - Analysis of SMARCC1 on different lysates with Rabbit anti-SMARCC1 antibody at 1/500 dilution. Lane 1: HL-60 cell lysate (10 ug/Lane) Lane 2: Mouse thymus tissue lysate (20 ug/Lane) Predicted band size: 123 kDa Observed band size: 155 kDa Exposure time: 1 minute; 6% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody at 1/500 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.



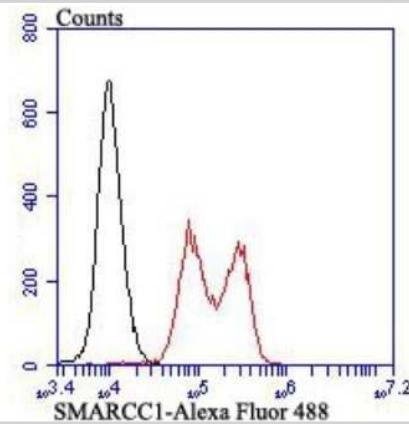
Immunocytochemistry/Immunofluorescence: SMARCC1 Antibody (JB43-43) [NBP2-75666] - Staining SMARCC1 in 293T cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



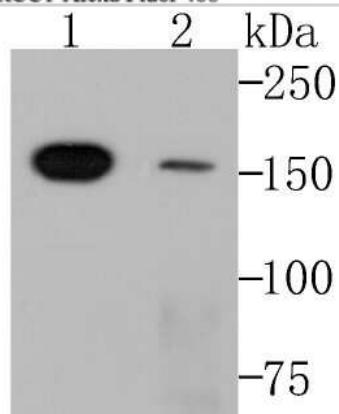
Immunohistochemistry-Paraffin: SMARCC1 Antibody (JB43-43) [NBP2-75666] - Analysis of paraffin-embedded human small intestine tissue using anti-SMARCC1 antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 20 minutes. The tissues were blocked in 1% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (1/400) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



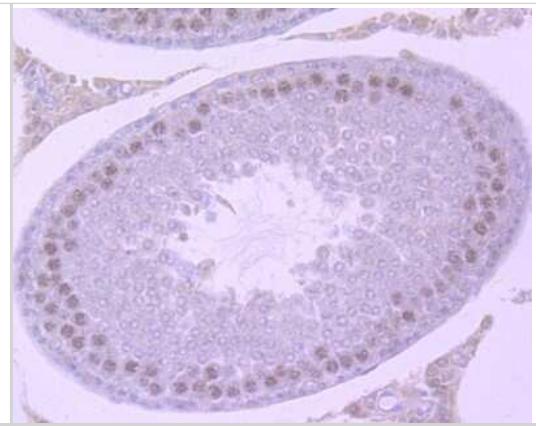
Flow Cytometry: SMARCC1 Antibody (JB43-43) [NBP2-75666] - Analysis of K562 cells with SMARCC1 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



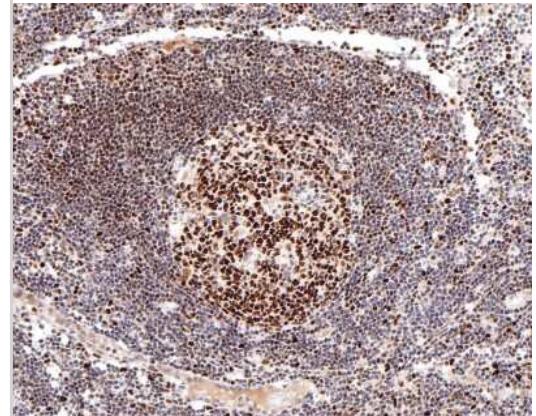
Western Blot: SMARCC1 Antibody (JB43-43) [NBP2-75666] - Analysis of SMARCC1 on different cell lysates using anti-SMARCC1 at 1/500 dilution. Positive control: Line 1: Mouse thymus tissue Line 2: HL-60



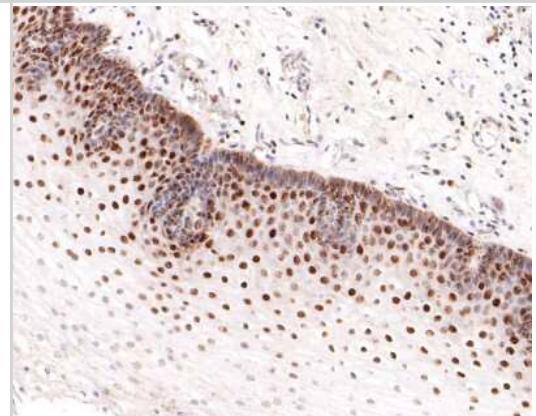
Immunohistochemistry-Paraffin: SMARCC1 Antibody (JB43-43) [NBP2-75666] - Analysis of paraffin-embedded mouse testis tissue using anti-SMARCC1 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: SMARCC1 Antibody (JB43-43) [NBP2-75666] - Analysis of paraffin-embedded human lymph node tissue using anti-SMARCC1 antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 20 minutes. The tissues were blocked in 1% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (1/400) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemistry-Paraffin: SMARCC1 Antibody (JB43-43) [NBP2-75666] - Analysis of paraffin-embedded human esophagus tissue using anti-SMARCC1 antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 20 minutes. The tissues were blocked in 1% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (1/400) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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

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/NBP2-75666

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