

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.

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NBP2-75666**SMARCC1 Antibody (JB43-43)**

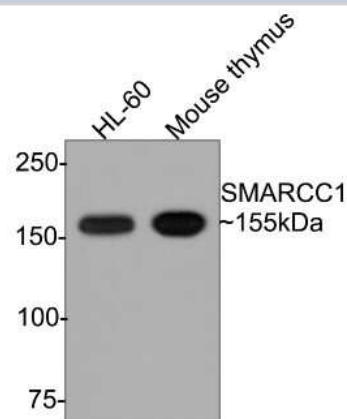
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JB43-43
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol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

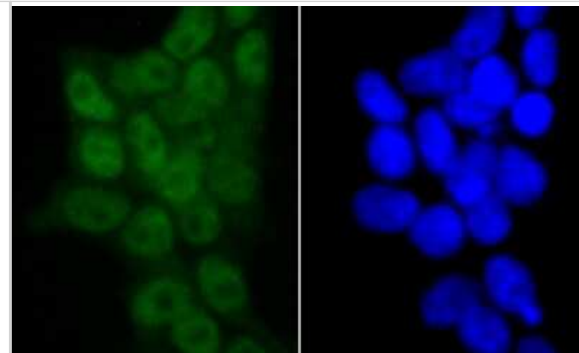
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:1000, Flow Cytometry 1:500-1:1000, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation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

Images

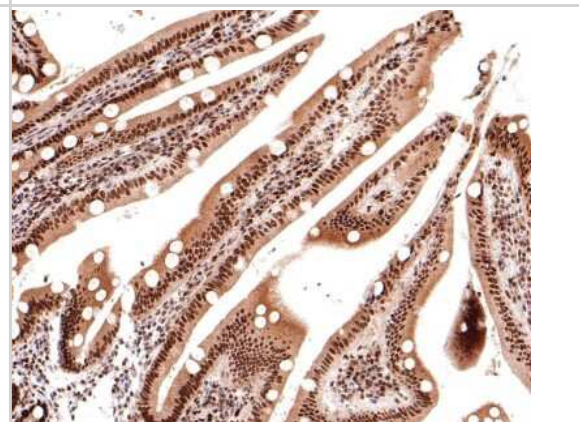
Western Blot: SMARCC1 Antibody (JB43-43) [NBP2-75666] - Analysis of SMARCC1 on different lysates with Rabbit anti-SMARCC1 antibody at 1/500 dilution. Lane 1: HL-60 cell lysate (10 ug/Lane) Lane 2: Mouse thymus tissue lysate (20 ug/Lane) Predicted band size: 123 kDa Observed band size: 155 kDa Exposure 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.



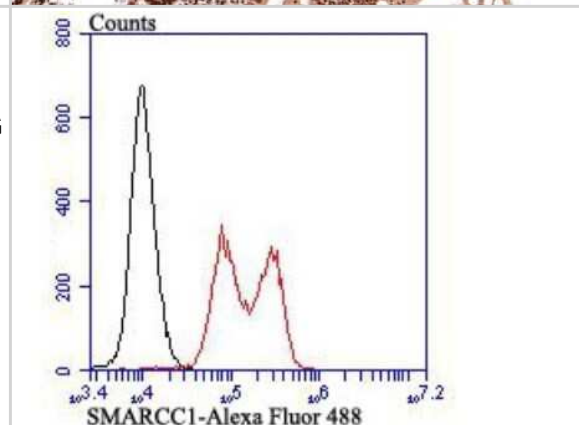
Immunocytochemistry/Immunofluorescence: SMARCC1 Antibody (JB43-43) [NBP2-75666] - Staining SMARCC1 in 293T cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



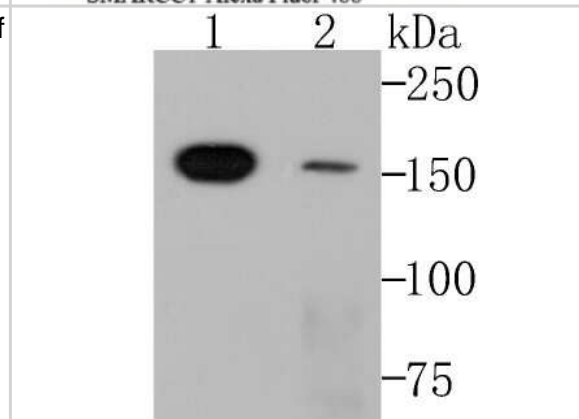
Immunohistochemistry-Paraffin: SMARCC1 Antibody (JB43-43) [NBP2-75666] - Analysis of paraffin-embedded human small intestine tissue using anti-SMARCC1 antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 20 minutes. The tissues were blocked 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.



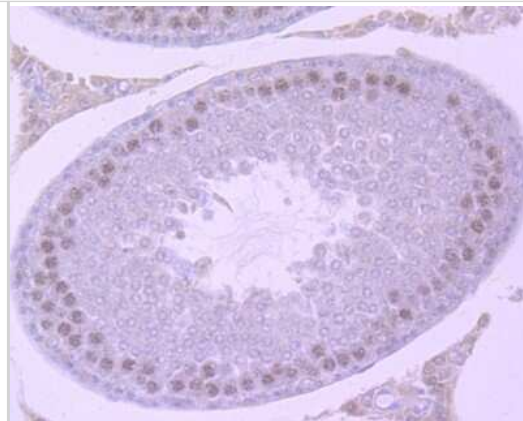
Flow Cytometry: SMARCC1 Antibody (JB43-43) [NBP2-75666] - Analysis of K562 cells with SMARCC1 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



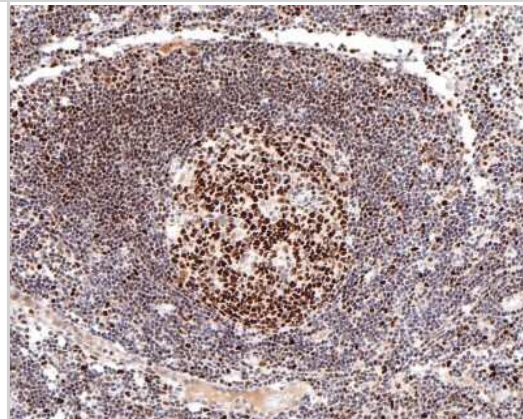
Western Blot: SMARCC1 Antibody (JB43-43) [NBP2-75666] - Analysis of SMARCC1 on different cell lysates using anti-SMARCC1 at 1/500 dilution. Positive control: Line 1: Mouse thymus tissue Line 2: HL-60



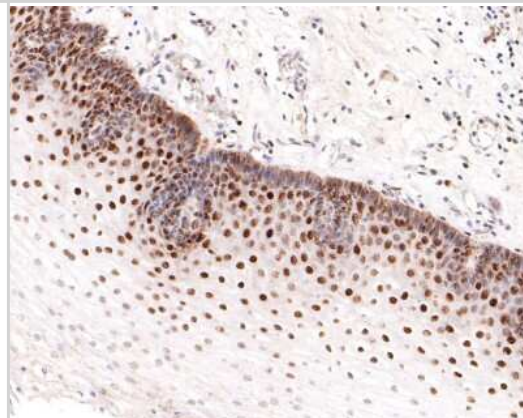
Immunohistochemistry-Paraffin: SMARCC1 Antibody (JB43-43) [NBP2-75666] - Analysis of paraffin-embedded mouse testis tissue using anti-SMARCC1 antibody. Counter stained with hematoxylin.



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.





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