

Product Datasheet

STAG2 Antibody (JE57-34)

NBP3-32925

Unit Size: 100 ul

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

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STAG2 Antibody (JE57-34)

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	JE57-34
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	141 kDa

Product Description	
Host	Rabbit
Gene ID	10735
Gene Symbol	STAG2
Species	Human, Mouse, Rat, Monkey
Immunogen	Recombinant protein within Human STAG2 aa 982-1,231 / 1,231. (Uniprot: Q8N3U4)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:500-1:2000



Images

Western Blot: STAG2 Antibody (JE57-34) [NBP3-32925] - Western blot analysis of STAG2 on different lysates with Rabbit anti-STAG2 antibody (NBP3-32925) at 1/2,000 dilution.

Lane 1: HeLa cell lysate
 Lane 2: A431 cell lysate
 Lane 3: PANC-1 cell lysate
 Lane 4: HepG2 cell lysate
 Lane 5: Jurkat cell lysate
 Lane 6: MCF7 cell lysate
 Lane 7: K-562 cell lysate
 Lane 8: HCT 116 cell lysate
 Lane 9: COS-1 cell lysate
 Lane 10: NIH/3T3 cell lysate
 Lane 11: RAW264.7 cell lysate
 Lane 12: C6 cell lysate
 Lane 13: mouse spleen tissue lysate
 Lane 14: rat spleen tissue lysate

Cell lysates/proteins at 20 ug/Lane.
 Tissues lysates/proteins at 40 ug/Lane.

Predicted band size:141 kDa
 Observed band size: 141 kDa

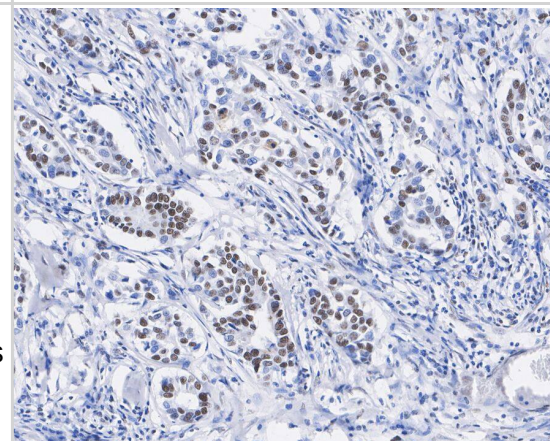
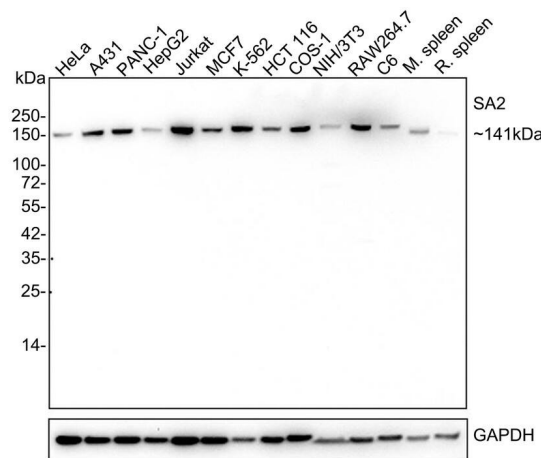
Exposure time: 3 minutes;

4-20% 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 (NBP3-32925) at 1/2,000 dilution was used in 5% NFDM/TBST at 4C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: STAG2 Antibody (JE57-34) [NBP3-32925] - Immunohistochemical analysis of paraffin-embedded human breast cancer tissue with Rabbit anti-STAG2 antibody (NBP3-32925) at 1/2,000 dilution.

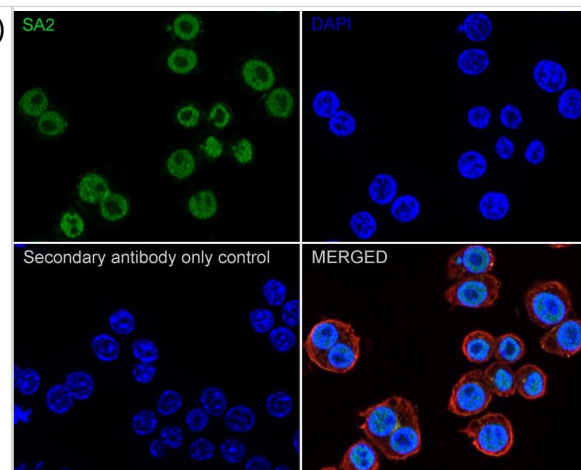
The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32925) at 1/2,000 dilution for 1 hour 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.



Immunocytochemistry/ Immunofluorescence: STAG2 Antibody (JE57-34) [NBP3-32925] - Immunocytochemistry analysis of RAW264.7 cells labeling STAG2 with Rabbit anti-STAG2 antibody (NBP3-32925) at 1/250 dilution.

Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Rabbit anti-STAG2 antibody (NBP3-32925) at 1/250 dilution in 1% BSA in PBST overnight at 4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/100 dilution overnight at +4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.





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Products Related to NBP3-32925

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NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-87096PEP	STAG2 Recombinant Protein Antigen

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.

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