

Product Datasheet

Bag-1 Antibody (JE63-22) NBP3-32068

Unit Size: 100 ul

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

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NBP3-32068

Bag-1 Antibody (JE63-22)

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	JE63-22
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	38 kDa

Product Description	
Description	Novus Biologicals Rabbit Bag-1 Antibody (JE63-22) (NBP3-32068) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	573
Gene Symbol	BAG1
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human Bag-1 aa 111-160 / 345. (Uniprot: Q99933)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:500



Images

Western Blot: Bag-1 Antibody (JE63-22) [NBP3-32068] - Western blot analysis of Bag-1 on different lysates with Rabbit anti-Bag-1 antibody (NBP3-32068) at 1/1,000 dilution.

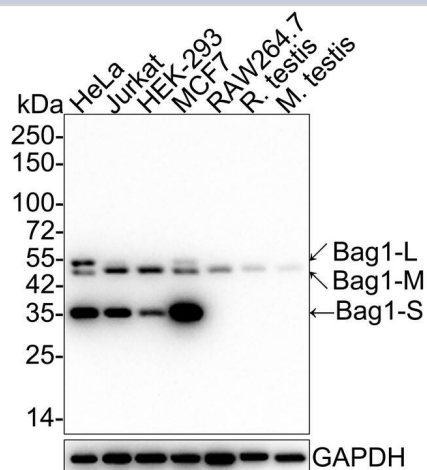
Lane 1: HeLa cell lysate (20 ug/Lane)
 Lane 2: Jurkat cell lysate (20 ug/Lane)
 Lane 3: HEK-293 cell lysate (20 ug/Lane)
 Lane 4: MCF7 cell lysate (20 ug/Lane)
 Lane 5: RAW264.7 cell lysate (20 ug/Lane)
 Lane 6: Rat testis tissue lysate (40 ug/Lane)
 Lane 7: Mouse testis tissue lysate (40 ug/Lane)

Predicted band size: 38 kDa
 Observed band size: 35/46/52 kDa

Exposure time: 3 minutes;

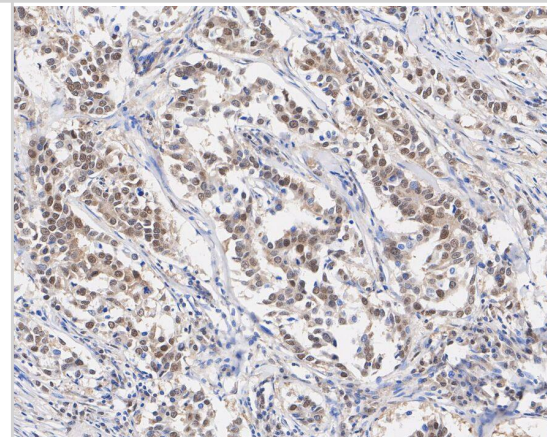
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32068) at 1/1,000 dilution was used in 5% NFDM/TBST at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.



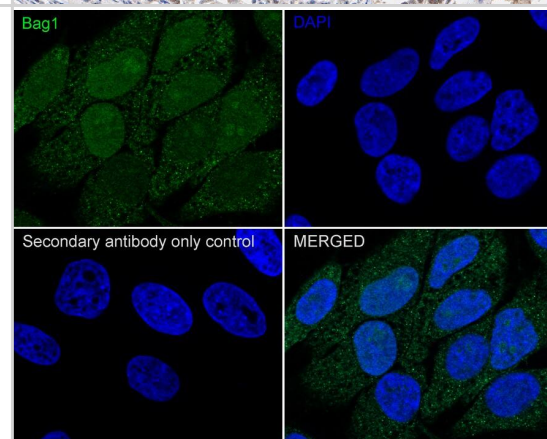
Immunohistochemistry: Bag-1 Antibody (JE63-22) [NBP3-32068] - Immunohistochemical analysis of paraffin-embedded human breast cancer tissue with Rabbit anti-Bag-1 antibody (NBP3-32068) at 1/500 dilution.

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 (NBP3-32068) at 1/500 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.



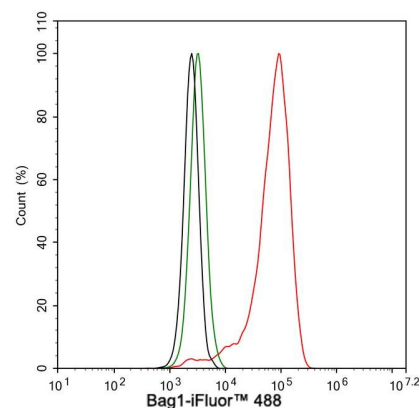
Immunocytochemistry/ Immunofluorescence: Bag-1 Antibody (JE63-22) [NBP3-32068] - Immunocytochemistry analysis of HeLa cells labeling Bag-1 with Rabbit anti-Bag-1 antibody (NBP3-32068) at 1/100 dilution.

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-Bag-1 antibody (NBP3-32068) at 1/100 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.



Flow Cytometry: Bag-1 Antibody (JE63-22) [NBP3-32068] - Flow cytometric analysis of HeLa cells labeling Bag-1.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32068, 1µg/mL) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4°C for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4°C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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Products Related to NBP3-32068

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB100-56082PEP	Bag-1 Antibody Blocking Peptide

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

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