

Product Datasheet

GRB2 Antibody (JE49-73) NBP3-32403

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/NBP3-32403

Updated 8/7/2025 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/NBP3-32403



NBP3-32403

GRB2 Antibody (JE49-73)

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	JE49-73
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	25 kDa
Product Description	
Host	Rabbit
Gene ID	2885
Gene Symbol	GRB2
Species	Human, Mouse, Rat, Monkey
Immunogen	Recombinant protein within Human GRB2 aa 1-100 / 217. (Uniprot: P62993)
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:1000, Immunocytochemistry/ Immunofluorescence 1:100



Images

Western Blot: GRB2 Antibody (JE49-73) [NBP3-32403] - Western blot analysis of GRB2 on different lysates with Rabbit anti-GRB2 antibody (NBP3-32403) at 1/2,000 dilution.

Lane 1: HeLa cell lysate
 Lane 2: 293T cell lysate
 Lane 3: A431 cell lysate
 Lane 4: MCF7 cell lysate
 Lane 5: HCT 116 cell lysate
 Lane 6: COS-1 cell lysate
 Lane 7: RAW264.7 cell lysate
 Lane 8: NIH/3T3 cell lysate
 Lane 9: C6 cell lysate
 Lane 10: PC-12 cell lysate
 Lane 11: Human lung tissue lysate
 Lane 12: Mouse testis tissue lysate
 Lane 13: Rat testis tissue lysate

Lysates/proteins at 30 ug/Lane.

Predicted band size: 25 kDa
 Observed band size: 25 kDa

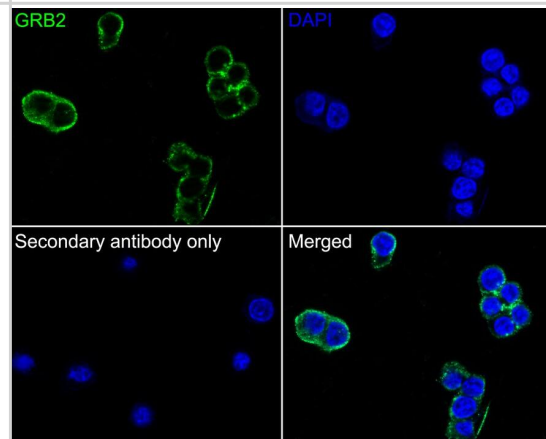
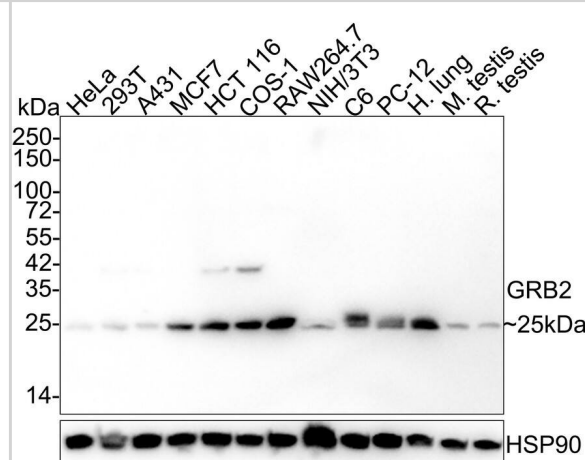
Exposure time: 3 minutes;

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 (NBP3-32403) at 1/2,000 dilution was used in 5% NFDM/TBST at 4 overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

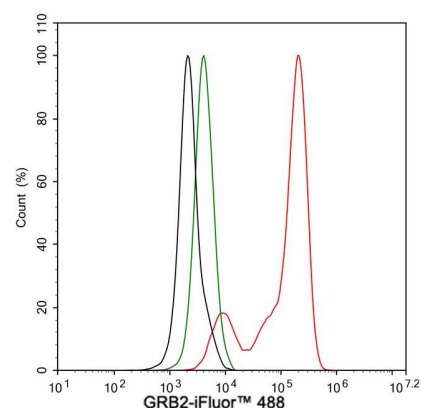
Immunocytochemistry/ Immunofluorescence: GRB2 Antibody (JE49-73) [NBP3-32403] - Immunocytochemistry analysis of PC-12 cells labeling GRB2 with Rabbit anti-GRB2 antibody (NBP3-32403) at 1/100 dilution.

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-GRB2 antibody (NBP3-32403) 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: GRB2 Antibody (JE49-73) [NBP3-32403] - Flow cytometric analysis of MCF7 cells labeling GRB2.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32403, 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).





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 NBP3-32403

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00002885-P01-10ug	Recombinant Human GRB2 GST (N-Term) Protein

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/NBP3-32403

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

