

Product Datasheet

AK3 Antibody (SJB3-36) - BSA Free NBP1-04261

Unit Size: 0.1 ml

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

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NBP1-04261

AK3 Antibody (SJB3-36) - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SJB3-36
Preservative	0.02% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS (pH 7.4), 10% Glycerol

Product Description

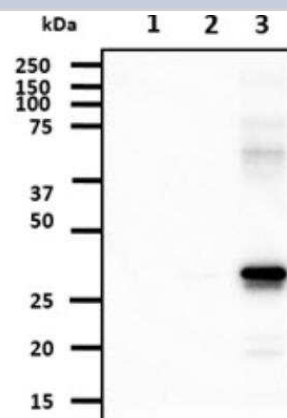
Description	Novus Biologicals Mouse AK3 Antibody (SJB3-36) - BSA Free (NBP1-04261) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	50808
Gene Symbol	AK3
Species	Human
Immunogen	Recombinant human AK3 (adenylate kinase isozyme 3) purified from E. coli

Product Application Details

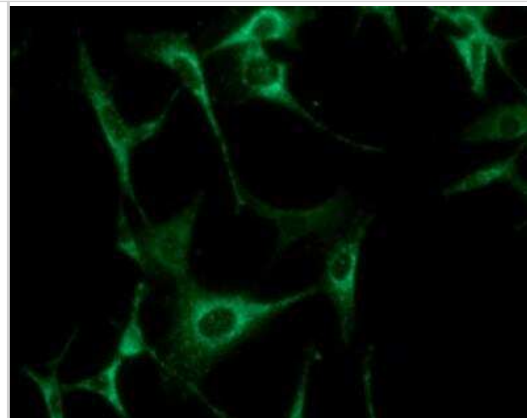
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:100

Images

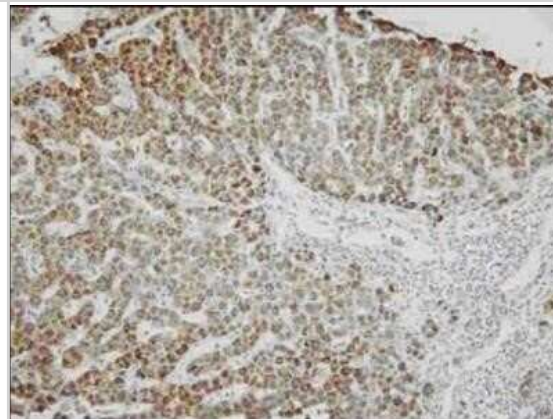
Western Blot: AK3 Antibody (SJB3-36) [NBP1-04261] - The recombinant protein (50ng) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human AK3 antibody (1:1,000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1. : Recombinant Human AK1 Lane 2. : Recombinant Human AK2 Lane 3. : Recombinant Human AK3



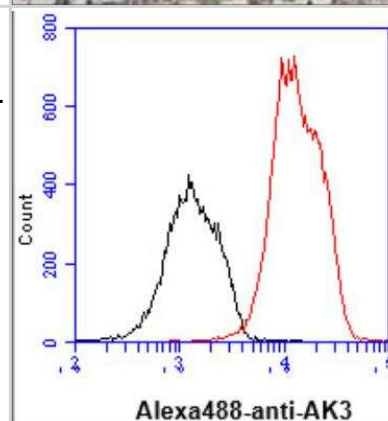
Immunocytochemistry/Immunofluorescence: AK3 Antibody (SJB3-36) [NBP1-04261] - Analysis of AK3 in U87MG cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human AK3 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



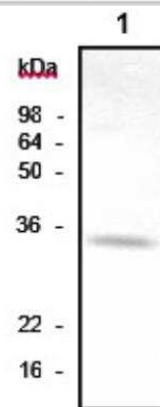
Immunohistochemistry-Paraffin: AK3 Antibody (SJB3-36) [NBP1-04261] - Human liver tissue was incubated with anti-human AK3 (1:100) for 2 hours at room temperature. Slide was then washed in PBS, and was incubated in avidin biosystem anti-rabbit labeled polymer for 30 min at RT. Enzyme detection was performed with DAB chromo-gen.



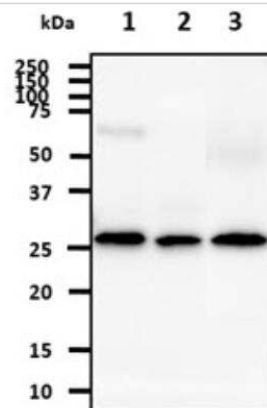
Flow Cytometry: AK3 Antibody (SJB3-36) [NBP1-04261] - Analysis of AK3 in jurkat cell line, staining at 2-5ug for 1x10⁶ cells (red line). The secondary antibody used goat anti-mouse IgG Alexa fluor 488 conjugate. Isotype control antibody was mouse IgG (black line).



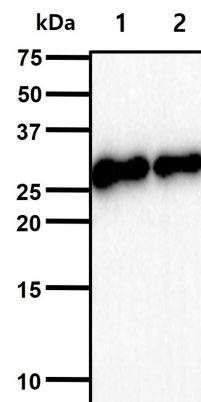
Western Blot: AK3 Antibody (SJB3-36) [NBP1-04261] - The lysate (40ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human AK3 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1. : Mouse liver tissue lysate



Western Blot: AK3 Antibody (SJB3-36) [NBP1-04261] - The lysate (40ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human AK3 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1. : Hep3B cell lysate Lane 2. : 293T cell lysate Lane 3. : Mouse kidney tissue lysate



The cell lysates(40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with NBP1-04261 (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: HepG2 cell lysate. Lane 2.: Lncap cell lysate





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 NBP1-04261

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBC1-18396	Recombinant Human AK3 His 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.

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