

Product Datasheet

IVD Antibody (04) - Azide and BSA Free NBP3-06536-100ul

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/NBP3-06536

Updated 2/26/2025 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/NBP3-06536



NBP3-06536-100ul

IVD Antibody (04) - Azide and BSA Free

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	04
Preservative	No Preservative
Isotype	IgG2b
Purity	Protein A purified
Buffer	0.2 um filtered solution in PBS

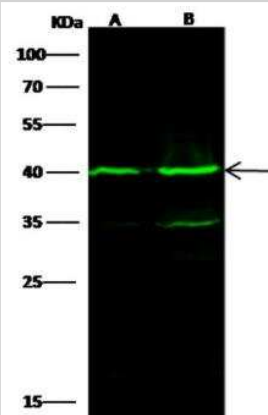
Product Description	
Description	This antibody can be stored at 2C-8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles.
Host	Mouse
Gene ID	3712
Gene Symbol	IVD
Species	Human
Reactivity Notes	No cross-reactivity in ELISA with: Insect cell lysate
Specificity/Sensitivity	No cross-reactivity in ELISA with: Insect cell lysate
Immunogen	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human IVD (Accession#: AAH17202.1; His30-His423).

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:1000, Flow Cytometry 1:100-1:500, ELISA 1:5000-1:10000, Immunocytochemistry/ Immunofluorescence 1:100-1:500, Immunoprecipitation 0.1-0.5 uL/mg of lysate

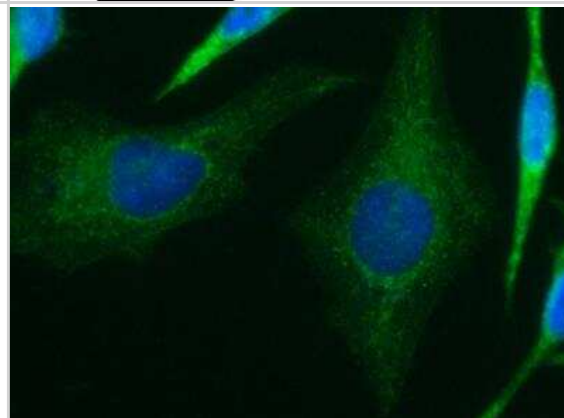


Images

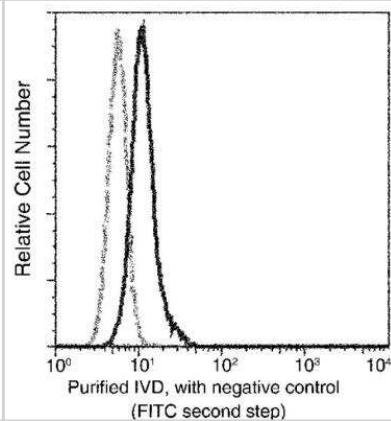
Western Blot: IVD Antibody (04) [NBP3-06536] - Lane A: Jurkat Whole Cell Lysate Lane B: HeLa Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Mouse IgG H&L (Dylight800) at 1/15000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size:47 kDa Observed band size:40 kDa



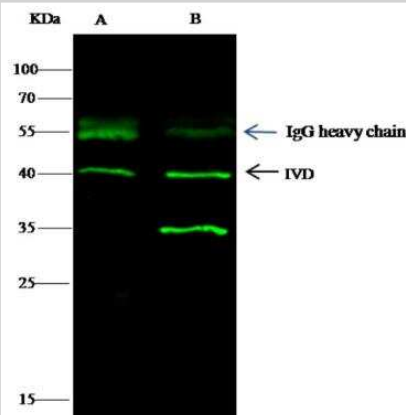
Immunocytochemistry/Immunofluorescence: IVD Antibody (04) [NBP3-06536] - Staining of Human IVD in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with Mouse anti-Human IVD monoclonal antibody (1:300) at 37°C 1 hour. Then cells were stained with the Alexa Fluor® 488-conjugated Goat Anti-mouse IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm.



Flow Cytometry: IVD Antibody (04) [NBP3-06536] - Analysis of Human IVD expression on HeLa cells. The cells were treated, stained with purified anti-Human IVD, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.



Immunoprecipitation: IVD Antibody (04) [NBP3-06536] - Lane A:0.5 mg Jurkat Whole Cell Lysate Lane B:0.5 mg A549 Whole Cell Lysate 0.5 uL anti-IVD mouse monoclonal antibody and 15 ul of 50 % Protein G agarose. Primary antibody: Anti-IVD mouse monoclonal antibody, at 1:500 dilution Secondary antibody: Dylight 800-labeled antibody to Mouse IgG (H+L), at 1:7500 dilution Developed using the odyssey technique. Performed under reducing conditions. Predicted band size: 40 kDa Observed band size: 40 kDa





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 NBP3-06536-100ul

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP1-40406	Recombinant Human IVD 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.

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/NBP3-06536

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

