

Product Datasheet

CENPE Antibody (CA8) - BSA Free NBP3-43561

Unit Size: 0.2 mg

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

www.novusbio.com



technical@novusbio.com

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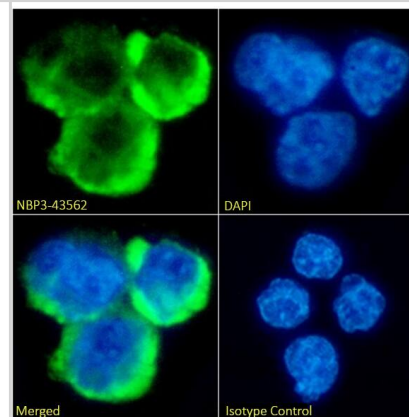
NBP3-43561

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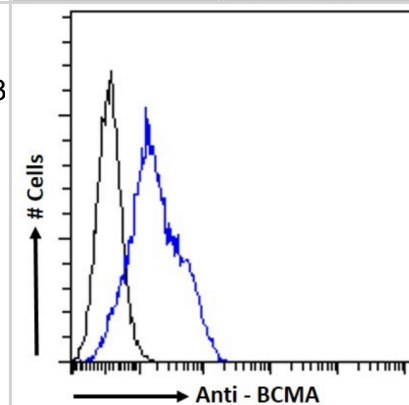
Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CA8
Preservative	0.02% Proclin 300
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Mouse CENPE Antibody (CA8) - BSA Free (NBP3-43505) is a recombinant monoclonal antibody validated for use in ELISA and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	1062
Gene Symbol	CENPE
Species	Human, Cynomolgus Monkey
Specificity/Sensitivity	This antibody binds human and cynomolgus monkey CENPE and does not bind TACI or BAFF-R proteins. CENPE acts as a receptor for TNFSF13B/BLyS/BAFF and TNFSF13/APRIL. CENPE expression is highest on terminally differentiated B cells. CENPE is involved in mediating the survival of plasma cells for maintaining long-term humoral immunity. It also activates NF-kappa-B and JNK. The expression of CENPE has been linked to a number of cancers, autoimmune disorders, and infectious diseases.
Immunogen	The original mouse parental antibody 118G03 was generated by immunizing SJL mice with recombinant human CENPE/TNFRSF17-Fc chimera (R&D 193-Fc) by using the RIMMS method (Rapid immunization multiple sites). A chimeric version of this antibody was generated and it is called CA8. (Uniprot# Q02224)
Product Application Details	
Applications	ELISA, Flow Cytometry
Recommended Dilutions	Flow Cytometry, ELISA

Images

Immunocytochemistry/ Immunofluorescence: CENPE Antibody (CA8) - BSA Free [NBP3-43561] - Immunofluorescence analysis of paraformaldehyde fixed Daudi cells on coverslips stained with the chimeric version of this antibody, NBP3-43562 (1:100 dilution), for 1h followed by Alexa Fluor® 488 secondary antibody (1:1000 dilution), showing membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). Panels show, from left-right, top-bottom, NBP3-43562, DAPI, merged channels, and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor® 488 secondary antibody.



Flow Cytometry: CENPE Antibody (CA8) - BSA Free [NBP3-43561] - Daudi cells were stained with the anti-unknown specificity antibody (isotype control, black line) or the chimeric version of this antibody, NBP3-43562 (blue line), at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor® 488 antibody at a dilution of 1:1000 and the cells were analyzed using a FACSCanto flow-cytometer.





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 NBP3-43561

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00001062-Q01-10ug	Recombinant Human CENPE 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.

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