

Product Datasheet

CD7 Antibody (3A1E) - Chimeric - Azide and BSA Free NBP2-81050-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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NBP2-81050-0.2mg

CD7 Antibody (3A1E) - Chimeric - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	3A1E
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

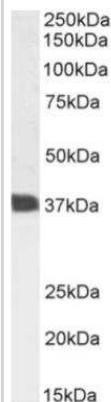
Product Description	
Description	Novus Biologicals Rabbit CD7 Antibody (3A1E) - Chimeric - Azide and BSA Free (NBP2-81050) is a recombinant monoclonal antibody validated for use in WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	924
Gene Symbol	CD7
Species	Human
Specificity/Sensitivity	Recognises human CD7.
Immunogen	CD7

Product Application Details	
Applications	Western Blot, Flow Cytometry, Functional, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Functional
Application Notes	This chimeric rabbit antibody was made using the variable domain sequences of the original murine IgG2b format, for improved compatibility with existing reagents, assays and techniques.

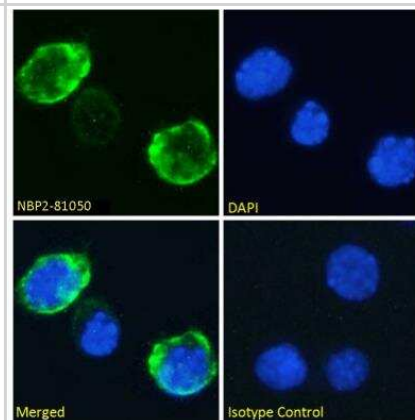


Images

Western Blot: CD7 Antibody (3A1E) [NBP2-81050] - Western Blot using anti-CD7 antibody (3A1E) [NBP2-81050]. Jurkat cell lysate samples (35ug protein in RIPA buffer) were resolved on a 10% SDS PAGE gel and blots probed with the chimeric rabbit version of 3A1E [NBP2-81050] at 1 ug/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence. The expected running size for unmodified CD7 is 25.4kDa, but this protein is glycosylated at several residues. NBP2-81050 successfully detected CD7 in Jurkat cell lysate.



Immunocytochemistry/Immunofluorescence: CD7 Antibody (3A1E) [NBP2-81050] - Immunofluorescence staining of fixed Jurkat cells with anti-CD7 antibody (3A1E) [NBP2-81050]. Immunofluorescence analysis of paraformaldehyde fixed Jurkat cells on Shi-fix coverslips, permeabilized with 0.15% Triton and stained with the chimeric rabbit IgG version of 3A1E [NBP2-81050] at 10 ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (1 ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP2-81050, DAPI, merged channels and an isotype control. The isotype control was stained with an anti-Fluorescein antibody followed by Alexa Fluor 488 secondary antibody.





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Products Related to NBP2-81050-0.2mg

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-38440PEP	CD7 Recombinant Protein Antigen

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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