Product Datasheet

CRIPTO Antibody (JE33-31)
NBP3-32221

Unit Size: 100 ul

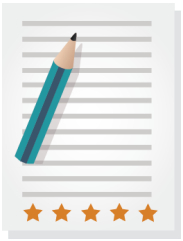
Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-32221

CRIPTO Antibody (JE33-31)

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	JE33-31
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	21 kDa

Product Description	
Description	Novus Biologicals Rabbit CRIPTO Antibody (JE33-31) (NBP3-32221) 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	6997
Gene Symbol	CRIPTO
Species	Human
Immunogen	Synthetic peptide. (Uniprot: P13385)

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:50-1:1000, Immunocytochemistry/ Immunofluorescence 1:100

Images

Western Blot: CRIPTO Antibody (JE33-31) [NBP3-32221] - Western blot analysis of CRIPTO on NCCIT cell lysates with Rabbit anti-CRIPTO antibody (NBP3-32221) at 1/1,000 dilution.

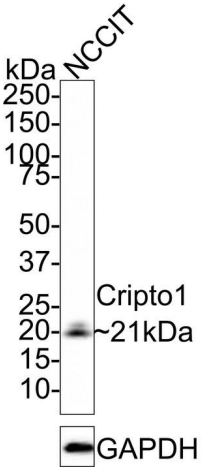
Lysates/proteins at 20 ug/Lane.

Predicted band size: 21 kDa
Observed band size: 21 kDa

Exposure time: 1 minute;

4-20% SDS-PAGE gel.

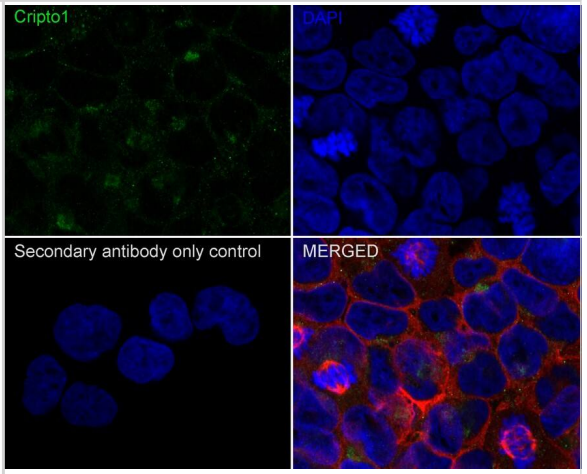
Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32221) at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:100,000 dilution was used for 1 hour at room temperature.



Immunocytochemistry/ Immunofluorescence: CRIPTO Antibody (JE33-31) [NBP3-32221] - Immunocytochemistry analysis of NCCIT cells labeling CRIPTO with Rabbit anti-CRIPTO antibody (NBP3-32221) at 1/100 dilution.

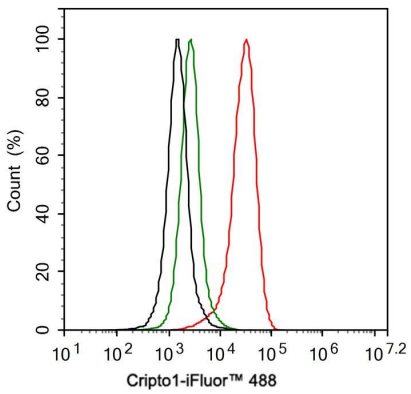
Cells were fixed in 4% paraformaldehyde for 10 minutes at 37 □, permeabilized with 0.05% Triton X-100 in PBS for 20 minutes, and then blocked with 2% negative goat serum for 30 minutes at room temperature. Cells were then incubated with Rabbit anti-CRIPTO antibody (NBP3-32221) at 1/100 dilution in 2% negative goat serum overnight at 4 □. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/200 dilution overnight at +4□. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.



Flow Cytometry: CRIPTO Antibody (JE33-31) [NBP3-32221] - Flow cytometric analysis of NCCIT cells labeling CRIPTO.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32221, 1ug/ml) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4□ 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□. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).



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Products Related to NBP3-32221

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]
NBP2-24891	Rabbit IgG Isotype Control

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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