

Product Datasheet

FAM213A Antibody (7-B7-R)

NBP3-32094

Unit Size: 100 ul

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

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NBP3-32094

FAM213A Antibody (7-B7-R)

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	7-B7-R
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	25 kDa

Product Description	
Description	Novus Biologicals Mouse FAM213A Antibody (7-B7-R) (NBP3-32094) 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	Mouse
Gene ID	84293
Gene Symbol	PRXL2A
Species	Human, Rat
Immunogen	Recombinant protein within Human FAM213A aa 1-229 / 229. (Uniprot: Q9BRX8)

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:1000, Immunocytochemistry/ Immunofluorescence 1:100



Images

Western Blot: FAM213A Antibody (7-B7-R) [NBP3-32094] - Western blot analysis of FAM213A on different lysates with Mouse anti-FAM213A antibody (NBP3-32094) at 1/2,000 dilution.

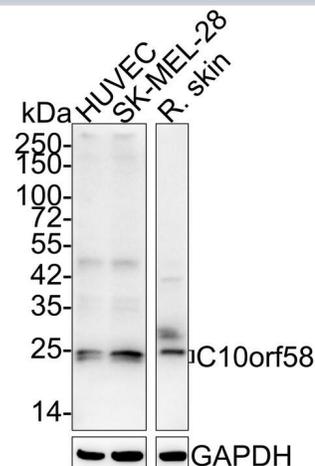
Lane 1: HUVEC cell lysate (20 ug/Lane)
Lane 2: SK-MEL-28 cell lysate (20 ug/Lane)
Lane 3: Rat skin tissue lysate (40 ug/Lane)

Predicted band size: 25 kDa
Observed band size: 24/25 kDa

Exposure time: 1 minute 46 seconds;

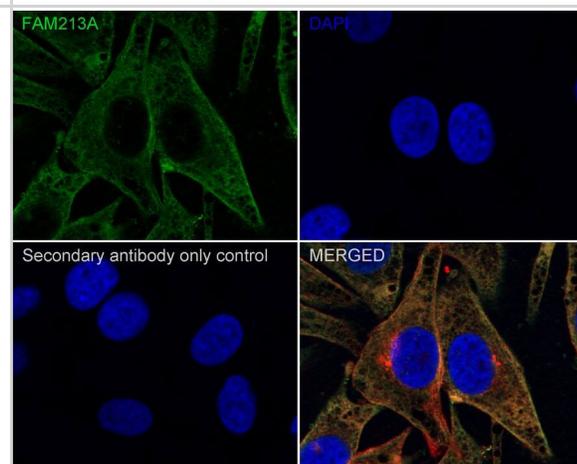
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-32094) at 1/2,000 dilution was used in 5% NFDm/TBST at 4°C overnight. Goat Anti-Mouse IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.



Immunocytochemistry/ Immunofluorescence: FAM213A Antibody (7-B7-R) [NBP3-32094] - Immunocytochemistry analysis of SK-MEL-28 cells labeling FAM213A with Mouse anti-FAM213A antibody (NBP3-32094) at 1/100 dilution.

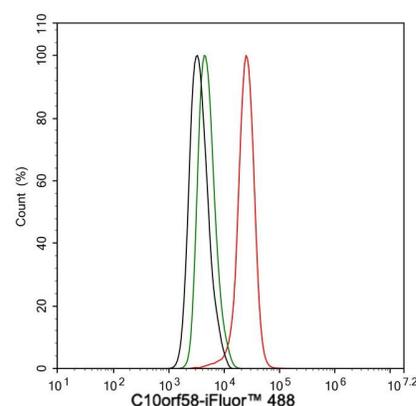
Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Mouse anti-FAM213A antibody (NBP3-32094) at 1/100 dilution in 1% BSA in PBST overnight at 4°C. Goat Anti-Mouse IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.



beta Tubulin (red) was stained at 1/100 dilution overnight at +4°C. Goat Anti-Rabbit IgG H&L (iFluor™ 594) were used as the secondary antibody at 1/1,000 dilution.

Flow Cytometry: FAM213A Antibody (7-B7-R) [NBP3-32094] - Flow cytometric analysis of SK-MEL-28 cells labeling FAM213A.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32094, 1µg/mL) (red) compared with Mouse IgG1 Isotype Control (green). After incubation of the primary antibody at +4°C for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Mouse IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4°C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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Products Related to NBP3-32094

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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)

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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