

Product Datasheet

TRPM7 Antibody (JE38-36)

NBP3-33061

Unit Size: 100 ul

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

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NBP3-33061

TRPM7 Antibody (JE38-36)

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	JE38-36
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	213 kDa

Product Description	
Description	Novus Biologicals Rabbit TRPM7 Antibody (JE38-36) (NBP3-33061) is a recombinant monoclonal antibody validated for use in WB and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	54822
Gene Symbol	TRPM7
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human TRPM7 aa 1,816-1,865 / 1,865. (Uniprot: Q96QT4)

Product Application Details	
Applications	Western Blot, Flow Cytometry
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:500-1:1000



Images

Western Blot: TRPM7 Antibody (JE38-36) [NBP3-33061] - Western blot analysis of TRPM7 on different lysates with Rabbit anti-TRPM7 antibody (NBP3-33061) at 1/1,000 dilution.

Lane 1: HeLa cell lysate
 Lane 2: K-562 cell lysate
 Lane 3: HepG2 cell lysate
 Lane 4: HCT 116 cell lysate

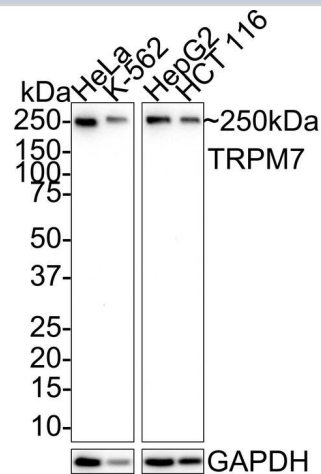
Lysates/proteins at 20 ug/Lane.

Predicted band size: 213 kDa
 Observed band size: 250 kDa

Exposure time: 1 minute 55 seconds;

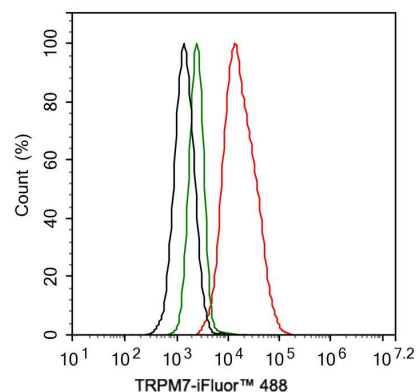
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-33061) at 1/1,000 dilution was used in 5% NFDm/TBST at 4C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:100,000 dilution was used for 1 hour at room temperature.



Flow Cytometry: TRPM7 Antibody (JE38-36) [NBP3-33061] - Flow cytometric analysis of HeLa cells labeling TRPM7.

Cells were washed twice with cold PBS and resuspend. Then stained with the primary antibody (NBP3-33061, 1ug/ml) (red) compared with Rabbit IgG 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-Rabbit 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 NBP3-33061

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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