

Product Datasheet

MAGEA3 Antibody (21B4) - Chimeric - Azide and BSA Free NBP3-20167-0.2mg

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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NBP3-20167-0.2mg

MAGEA3 Antibody (21B4) - 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	21B4
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

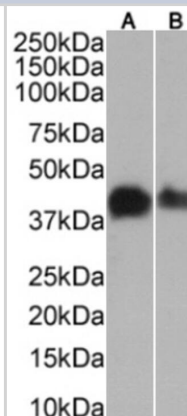
Product Description	
Description	Novus Biologicals Rabbit MAGEA3 Antibody (21B4) - Chimeric - Azide and BSA Free (NBP3-20167) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4102
Gene Symbol	MAGEA3
Species	Human
Specificity/Sensitivity	This antibody binds human MAGEA3 and MAGEA6, but does not cross react with other members of the MAGE family like MAGE-A1, MAGE-A4 and MAGE-A10.
Immunogen	The original antibody was isolated from a patient suffering from a tumor expressing a tumor specific antigen like MAGE-A3.

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Application Notes	This chimeric rabbit antibody was made using the variable domain sequences of the original Human IgG1 format for improved compatibility with existing reagents assays and techniques.

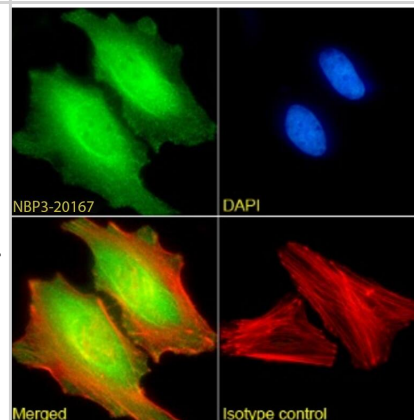


Images

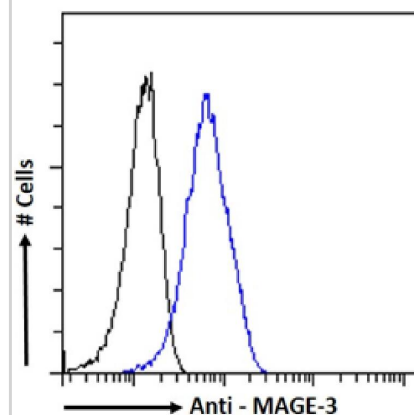
Western Blot: MAGEA3 Antibody (21B4) - Chimeric - Azide and BSA Free [NBP3-20167] - HeLa(A) (0.01ug/ml) cells lysate and HeLa(B) (0.01ug/ml) cells nuclear lysate (35ug protein in RIPA buffer) were resolved on a SDS PAGE gel and blots were probed with the chimeric rabbit version of 21B4 (NBP3-20167) before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.



Immunocytochemistry/Immunofluorescence: MAGEA3 Antibody (21B4) - Chimeric - Azide and BSA Free [NBP3-20167] - Immunofluorescence analysis of paraformaldehyde fixed HeLa cells stained with the chimeric rabbit IgG version of 21B4 (NBP3-20167) (1:1000 dilution) for 1h followed by Alexa Fluor(R) 488 secondary antibody (1:1500 dilution), showing nuclear staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP3-20167, DAPI, merged channels and an isotype control. The isotype control was anti-fluorescein antibody (NBP2-52638) followed by staining with Alexa Fluor(R) 488 secondary antibody.



Flow Cytometry: MAGEA3 Antibody (21B4) - Chimeric - Azide and BSA Free [NBP3-20167] - HeLa cells were stained with an isotype control (NBP2-52638, black line) or the rabbit-chimeric version of 21B4 (NBP3-20167, blue line) at a concentration of 1 ug/ml for 30 mins at RT. After washing, bound antibody was detected using Alexa Fluor 488(R) conjugated goat anti-rabbit IgG and cells analysed on a FACSCanto flow-cytometer.





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Products Related to NBP3-20167-0.2mg

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]
NBP1-49445-0.05mg	Recombinant Human MAGEA3 His 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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