

# Product Datasheet

## SSEA-3 Antibody (MC-631) - Azide and BSA Free NBP2-80962

Unit Size: 0.1 ml

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

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**NBP2-80962**

SSEA-3 Antibody (MC-631) - Azide and BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	MC-631
Preservative	No Preservative
Isotype	IgM
Purity	IgM purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Rat SSEA-3 Antibody (MC-631) - Azide and BSA Free (NB100-1832) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rat
Species	Human, Mouse
Reactivity Notes	This antibody recognizes the SSEA-3 that is expressed upon the surface of human teratocarcinoma stem cells (EC), human embryonic germ cells (EG) and human embryonic stem cells (ES). No immunoreactivity is evident with undifferentiated murine EC, ES and EG cells. Expression of SSEA-3 is down regulated following differentiation of human EC cells. In contrast, the differentiation of murine EC and ES cells may be accompanied by an increase in SSEA-3 expression.
Immunogen	4-8 cell stage mouse embryos.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1:500, Flow Cytometry 10-20 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:50-1:100, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500, CyTOF-ready
Application Notes	This SSEA3 antibody is useful for Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry frozen and paraffin sections, Immunoprecipitation and Western Blot. This antibody is CyTOF ready.

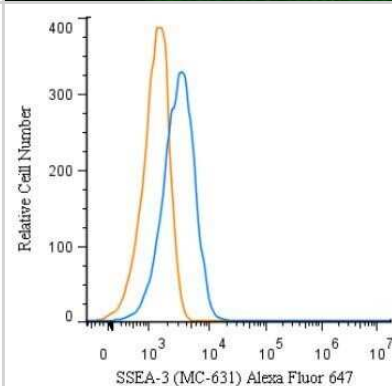


## Images

Immunocytochemistry/Immunofluorescence: SSEA-3 Antibody (MC-631) - Azide and BSA Free [NBP2-80962] - Analysis of human embryonic stem cells stained with SSEA-3 antibody detected with Alexa Fluor 488 anti-rat IgM secondary antibody. Image from the standard format of this antibody.



Flow Cytometry: SSEA-3 Antibody (MC-631) - Azide and BSA Free [NBP2-80962] - A surface stain was performed on Jurkat cells with SSEA-3 Antibody (MC-631) NB100-1832AF647 (blue) and a matched isotype control (orange). Cells were incubated in an antibody dilution of 5 ug/mL for 20 minutes at room temperature. Both antibodies were directly conjugated to Alexa Fluor 647.



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HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
F0105B	Goat anti-Rat IgG Secondary Antibody [Phycoerythrin]
NBP1-96776	Rat IgM Isotype Control

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### **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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