

Product Datasheet

SSEA-3 Antibody (MC-631) [PE/Cy7] NB100-1832PECY7

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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NB100-1832PECY7

SSEA-3 Antibody (MC-631) [PE/Cy7]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark. Do not freeze.
Clonality	Monoclonal
Clone	MC-631
Preservative	0.05% Sodium Azide
Isotype	IgM
Conjugate	PE/Cy7
Purity	IgM purified
Buffer	PBS
Product Description	
Host	Rat
Species	Human, Mouse
Reactivity Notes	This antibody recognizes the SSEA3 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 SSEA3 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.
Marker	Embryonic Stem Cell Marker
Specificity/Sensitivity	Recognizes a carbohydrate epitope of SSEA-3
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, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined. For optimal results using our Tandem dyes, please avoid prolonged exposure to light or extreme temperature fluctuations. These can lead to irreversible degradation or decoupling. When staining intracellular targets, specific attention to the fixation and permeabilization steps in your flow protocol may be required. Please contact our technical support team at technical@novusbio.com if you have any questions.





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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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