

Product Datasheet

TRA-1-81 Antibody (TRA-1-81) [DyLight 650] NB100-1833C

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB100-1833C

TRA-1-81 Antibody (TRA-1-81) [DyLight 650]

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.
Clonality	Monoclonal
Clone	TRA-1-81
Preservative	0.05% Sodium Azide
Isotype	IgM
Conjugate	DyLight 650
Purity	IgM purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	5420
Species	Human, Mouse (Negative)
Reactivity Notes	Human. This antibody recognizes the TRA-1-81 antigen 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 seen with murine EC, EG or ES cells. This antibody recognizes antigens that are associated with a pericellular matrix proteoglycan.
Marker	Embryonic Stem Cell Marker, Tumor Vessel Marker
Immunogen	Human embryonal carcinoma cell line 2102Ep.
Notes	Dylight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen
Application Notes	This TRA-1-81 antibody is useful for Immunofluorescence/Immunocytochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation and Western Blot. Flow Cytometry was reported in scientific literature.

Publications

Rosbach B, Hildebrand L, El-Ahmad L. Generation of a human induced pluripotent stem cell line from urinary cells of a healthy donor using an integration free vector. Stem Cell Res 2016-06-28 [PMID: 27345993]

Hildebrand L, Seemann P, Kurtz A et al. Selective cell targeting and lineage tracing of human induced pluripotent stem cells using recombinant avian retroviruses Cell. Mol Life Sci 2015-06-25 [PMID: 26109426] (ICC/IF, Human)

Details:

This publication used the DL650 conjugated form of this antibody (NB100-1833C)





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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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