

# Product Datasheet

## TRA-1-60(R) Antibody (TRA-1-60) [Alexa Fluor® 488] NB100-730AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-730AF488**

TRA-1-60(R) Antibody (TRA-1-60) [Alexa Fluor® 488]

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-1-60
Preservative	0.05% Sodium Azide
Isotype	IgM
Conjugate	Alexa Fluor 488
Purity	IgM purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	5420
Species	Human, Mouse (Negative)
Reactivity Notes	Human. No immunoreactivity is seen with murine EC, EG or ES cells.
Marker	Embryonic Stem Cell Marker
Specificity/Sensitivity	Specific for the neuraminidase resistant form of the TRA-1-60 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. TRA-1-60 reacts with a sialidase-sensitive epitope.
Immunogen	Human embryonal carcinoma cell line 2102Ep.
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation



<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin
<b>Application Notes</b>	This TRA-1-60 (R) antibody is useful for Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation and Western blot.

## Publications

Smullen M, Olson MN, Reichert JM et al. Reliable multiplex generation of pooled induced pluripotent stem cells Cell reports methods 2023-09-25 [PMID: 37751688] (FLOW, Human)

Smullen M, Reichert J, Dawes P et al. Reliable Multiplex Generation of Pooled Induced Pluripotent Stem Cells for Genetic Testing SSRN Electronic Journal 2022-07-14 (FLOW, Human)





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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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