

Product Datasheet

ER-HR3 Antibody (ER-HR3) [Alexa Fluor® 405] NB100-64931AF405

Unit Size: 0.125 ml

Store at 4C in the dark.

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NB100-64931AF405

ER-HR3 Antibody (ER-HR3) [Alexa Fluor® 405]

Product Information

Unit Size	0.125 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	ER-HR3
Preservative	0.05% Sodium Azide
Isotype	IgG2c
Conjugate	Alexa Fluor 405
Purity	Protein G purified
Buffer	50mM Sodium Borate

Product Description

Host	Rat
Species	Mouse
Specificity/Sensitivity	NB100-64931 recognizes the murine antigen ER-HR3. ER-HR3 is a cell surface antigen which is expressed by Langerhans cells in epithelium, a subset of mature macrophages and dendritic cells that are located predominantly in haematopoietic and lymphoid organs. Initial studies of ER-HR3 demonstrated expression on peripheral blood monocytes but recent studies suggest that expression is actually very low. During foetal development, ER-HR3 positive cells are localised to haemopoietic islands and are often associated with erythroid progenitor cells. The functions of the ER-HR3 antigen have not been established but reports suggest that the antigen may be involved in adult erythropoiesis and in the regulation of the immune response. Clone ER-HR3 does not inhibit T cell proliferation in antigen-specific T-cell proliferation studies. Clone ER-HR3 recognizes two proteins of approximately 69kD and 55kD under non-reducing conditions.
Immunogen	Adherent F1 (CBAxBL) bone marrow stromal cells.
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	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen



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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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