

# Product Datasheet

## Integrin alpha E/CD103 Antibody (ITGAE/3904R) [Alexa Fluor™ Plus 488] NBP3-08855AFP488

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-08855AFP488**

Integrin alpha E/CD103 Antibody (ITGAE/3904R) [Alexa Fluor™ Plus 488]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	ITGAE/3904R
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Conjugate</b>	Alexa Fluor Plus 488
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	3682
<b>Gene Symbol</b>	ITGAE
<b>Species</b>	Human
<b>Marker</b>	T-Cell Lymphoma & Hairy Cell Leukemia Marker
<b>Specificity/Sensitivity</b>	This monoclonal antibody recognizes a protein of 150kDa, identified as CD103, which is the alpha-E integrin subunit of the heterodimeric alpha-E beta-7 (aEb7) integrin belonging to a small beta-7 integrin subfamily. CD103 is expressed on more than 95% of intraepithelial CD8+ cells and on 40% of mucosa-associated T cells, whereas less than 2% of resting blood lymphocytes are CD103-positive. In several malignant conditions, such as T-cell lymphomas and hairy cell leukemia (HCL), the cells express CD103. Antibody to CD103 is an extremely useful addition to the IHC panel for the diagnosis of hairy cell leukemia (HCL).
<b>Immunogen</b>	Recombinant human Integrin alpha E/CD103 protein fragment (aa 775-855) (exact sequence is proprietary) (Uniprot: P38570 )
<b>Notes</b>	This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not 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, 5781 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@thermofisher.com">outlicensing@thermofisher.com</a> . 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	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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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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