

Product Datasheet

Integrin alpha E/CD103 Antibody (ITGAE/3904R) - Azide and BSA Free NBP3-08855

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP3-08855

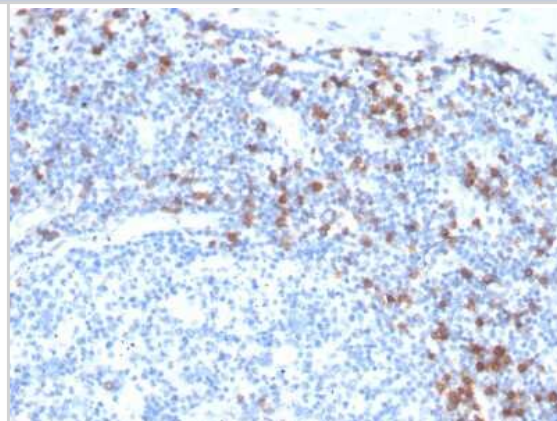
Integrin alpha E/CD103 Antibody (ITGAE/3904R) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	ITGAE/3904R
Preservative	No Preservative
Isotype	IgG
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	150 kDa
Product Description	
Description	<p>1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP3-07530).</p> <p>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.</p>
Host	Rabbit
Gene ID	3682
Gene Symbol	ITGAE
Species	Human
Marker	T-Cell Lymphoma & Hairy Cell Leukemia Marker
Specificity/Sensitivity	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).
Immunogen	Recombinant human Integrin alpha E/CD103 protein fragment (aa 775-855) (exact sequence is proprietary) (Uniprot: P38570)
Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	Immunohistochemistry Formalin-fixed: 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.



Images

Immunohistochemistry-Paraffin: Integrin alpha E/CD103 Antibody (ITGAE/3904R) - Azide and BSA Free [NBP3-08855] - Formalin-fixed, paraffin-embedded human Tonsil stained with Integrin alpha E/CD103 Recombinant Rabbit Monoclonal Antibody (ITGAE/3904R).





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Products Related to NBP3-08855

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00003682-Q01-10ug	Recombinant Human Integrin alpha E/CD103 GST (N-Term) Protein

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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