

Product Datasheet

Integrin alpha E/CD103 Antibody (Ber-ACT8) - BSA Free NBP1-97564

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NBP1-97564

Integrin alpha E/CD103 Antibody (Ber-ACT8) - BSA Free

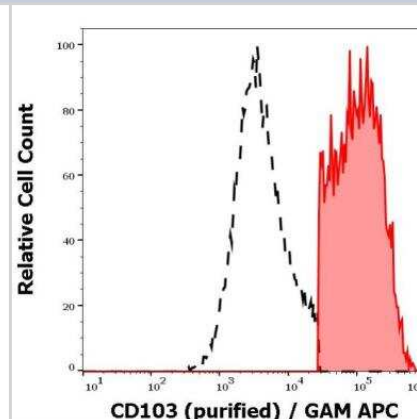
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	Ber-ACT8
Preservative	0.9% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A purified
Buffer	PBS (pH 7.4)

Product Description	
Host	Mouse
Gene ID	3682
Gene Symbol	ITGAE
Species	Human, Primate
Specificity/Sensitivity	The mouse monoclonal antibody Ber-ACT8 recognizes an extracellular epitope of CD103 (alpha E integrin), a type I transmembrane glycoprotein primarily found on intestinal intraepithelial lymphocytes. HLDA V; WS Code A067
Immunogen	HTLV-1 induced human T cell line MAPS16

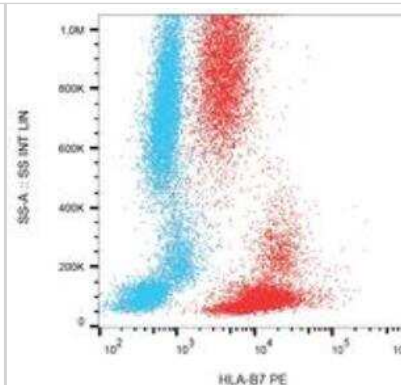
Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Cell Surface), Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1-4 ug/ml, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:50, Immunohistochemistry-Frozen 1:200, Flow (Cell Surface), CyTOF-ready
Application Notes	This antibody is Cytof ready.

Images

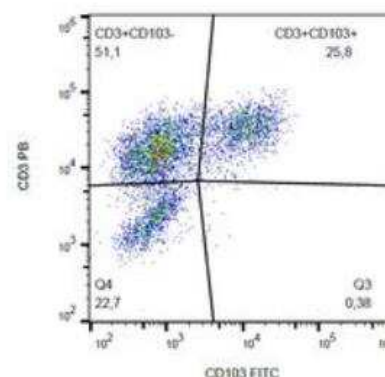
Flow Cytometry: Integrin alpha E/CD103 Antibody (Ber-ACT8) - BSA Free [NBP1-97564] - Separation of human CD103 positive cells (red-filled) from CD103 negative cells (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood using anti-human CD103 (Ber-ACT8) purified antibody (concentration in sample 3 ug/ml, GAM APC).



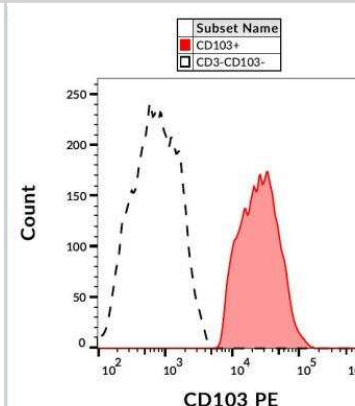
Flow Cytometry: Integrin alpha E/CD103 Antibody (Ber-ACT8) [NBP1-97564] - Staining of CD103 on human peripheral blood cells with anti-CD103 (Ber-ACT8) APC.



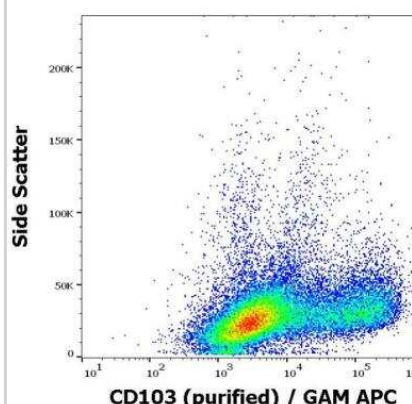
Flow Cytometry: Integrin alpha E/CD103 Antibody (Ber-ACT8) [NBP1-97564] - Staining of CD103 on PHA-activated PBMC with anti-CD103 (Ber-ACT8) FITC.



Flow Cytometry: Integrin alpha E/CD103 Antibody (Ber-ACT8) [NBP1-97564] - Staining of CD103 on PHA-activated PBMC with anti-CD103 (Ber-ACT8) PE.



Flow Cytometry: Integrin alpha E/CD103 Antibody (Ber-ACT8) - BSA Free [NBP1-97564] - Staining pattern of human PHA stimulated peripheral blood mononuclear cells stained using anti-human CD103 (Ber-ACT8) purified antibody (concentration in sample 3 ug/ml, GAM APC).



Publications

KrAmer B, Nalin A, Ma F et al. Single-cell RNA sequencing identifies a population of human liver-type ILC1s Cell Reports 2023-01-01 [PMID: 36640314]

Hezaveh K, Shinde RS, Klotgen A et al. Tryptophan-derived microbial metabolites activate the aryl hydrocarbon receptor in tumor-associated macrophages to suppress anti-tumor immunity Immunity 2022-02-08 [PMID: 35139353]



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Products Related to NBP1-97564

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP1-97564AF700	Integrin alpha E/CD103 Antibody (Ber-ACT8) [Alexa Fluor® 700]

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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