

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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Publications: 2

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NBP1-97564

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

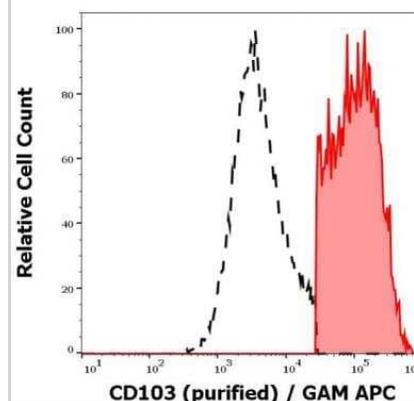
| Product Information | |
|---------------------|-----------------------------------------|
| Unit Size | 0.1 mg |
| Concentration | 1 mg/ml |
| Storage | Store at 4C. Do not freeze. |
| Clonality | Monoclonal |
| Clone | Ber-ACT8 |
| Preservative | 15mM Sodium Azide |
| Isotype | IgG1 Kappa |
| Purity | Protein A purified |
| Buffer | Phosphate buffered saline (PBS), pH 7.4 |

| Product Description | |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | Novus Biologicals Mouse Integrin alpha E/CD103 Antibody (Ber-ACT8) - BSA Free (NBP1-97564) is a monoclonal antibody validated for use in IHC, WB, Flow and IP. Anti-Integrin alpha E/CD103 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| 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 |

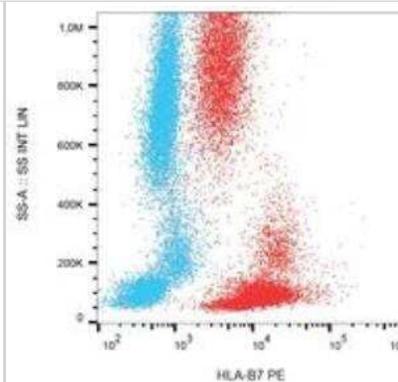
| Product Application Details | |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications | Western Blot, Flow Cytometry, Flow (Cell Surface), 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

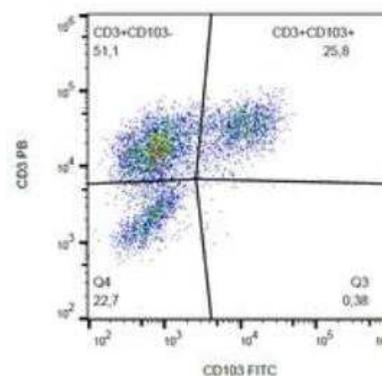
Flow Cytometry: Integrin alpha E/CD103 Antibody (Ber-ACT8) - BSA Free [NBP1-97564] - Separation of human CD103 positive cells (red-filled) from CD103 negative cells (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood using anti-human CD103 (Ber-ACT8) purified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



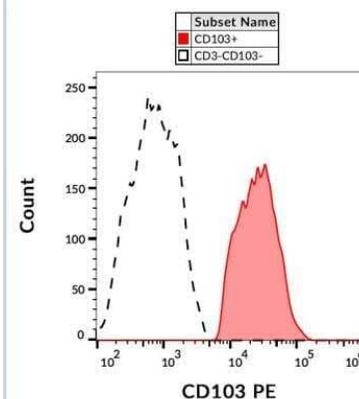
Flow Cytometry: Integrin alpha E/CD103 Antibody (Ber-ACT8) [NBP1-97564] - Staining of CD103 on human peripheral blood cells with anti-CD103 (Ber-ACT8) APC.



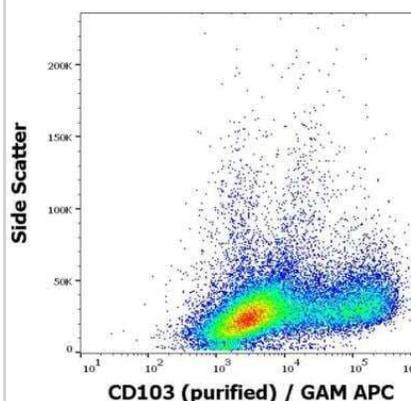
Flow Cytometry: Integrin alpha E/CD103 Antibody (Ber-ACT8) [NBP1-97564] - Staining of CD103 on PHA-activated PBMC with anti-CD103 (Ber-ACT8) FITC.



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, KIOtgen 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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