

Product Datasheet

Langerin/CD207 Antibody (817G7) - Azide and BSA Free DDX0377P-100

Unit Size: 0.1 mg

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

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DDX0377P-100

Langerin/CD207 Antibody (817G7) - Azide and BSA Free

| Product Information | |
|---------------------|--|
| Unit Size | 0.1 mg |
| Concentration | 0.5 mg/ml |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 817G7 |
| Preservative | No Preservative |
| Isotype | IgG1 |
| Purity | Ion exchange chromatography |
| Buffer | Tris-NaCl (pH 8.0) |

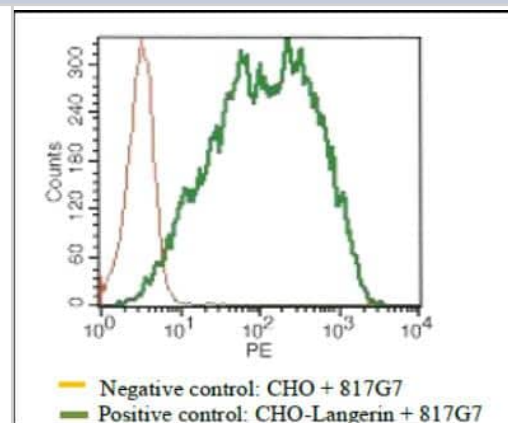
| Product Description | |
|-------------------------|--|
| Host | Mouse |
| Gene ID | 50489 |
| Gene Symbol | CD207 |
| Species | Human |
| Reactivity Notes | Human |
| Specificity/Sensitivity | human Langerin (extracellular epitope) |
| Immunogen | human Langerin-transfected eukaryotic cells |
| Notes | This product is manufactured by Eurobio Scientific (formerly Dendritics) and distributed by Novus Biologicals. |

| Product Application Details | |
|-----------------------------|--|
| Applications | Flow Cytometry, Functional, Inhibition Activity |
| Recommended Dilutions | Flow Cytometry 1:10-1:1000, Functional, Inhibition Activity |
| Application Notes | Use in Inhibition Activity reported in scientific literature (PMID:33905459) This monoclonal antibody may be used between 5-20 ug/ml. Blocks HIV-gp120 |

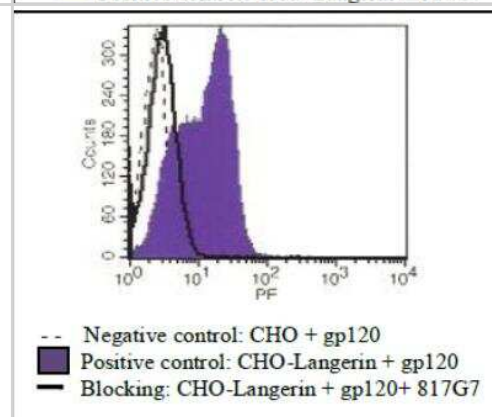


Images

Flow Cytometry: Langerin/CD207 Antibody (817G7) [DDX0377P-100]



Flow Cytometry: Langerin/CD207 Antibody (817G7) [DDX0377P-100]



Publications

Bertram KM, Truong NR, Smith JB et al. Herpes Simplex Virus type 1 infects Langerhans cells and the novel epidermal dendritic cell, Epi-cDC2s, via different entry pathways PLoS pathogens 2021-04-27 [PMID: 33905459] (In-Cell Western (ICW), Human)

Luckashenak N et al. Rho-family GTPase Cdc42 controls migration of Langerhans cells in vivo. J Immunol 2013-01-01 [PMID: 23209325]

Hitzler M et al. Human Langerhans cells control Th cells via programmed death-ligand 1 in response to bacterial stimuli and nickel-induced contact allergy. PLoS One 2012-01-01 [PMID: 23056446]

Iram N et al. Age-related changes in expression and function of Toll-like receptors in human skin. Development 2012-11-01 [PMID: 23034637]

Segura E et al. Characterization of resident and migratory dendritic cells in human lymph nodes. J Exp Med 2012-04-09 [PMID: 22430490]

Douillard P et al. Mouse lymphoid tissue contains distinct subsets of langerin/CD207 dendritic cells, only one of which represents epidermal-derived Langerhans cells. J Invest Dermatol 2005-11-01 [PMID: 16297200]

Movassagh M et al. Selective accumulation of mature DC-Lamp+ dendritic cells in tumor sites is associated with efficient T-cell-mediated antitumor response and control of metastatic dissemination in melanoma. Cancer Res 2004-03-15 [PMID: 15026362]

Valladeau J et al. Identification of mouse langerin/CD207 in Langerhans cells and some dendritic cells of lymphoid tissues. J Immunol 2002-01-15 [PMID: 11777972]



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Products Related to DDX0377P-100

| | |
|------------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1) |
| NBP2-52050-0.1mg | Recombinant Human Langerin/CD207 His 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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