

Product Datasheet

Dectin-1/CLEC7A Antibody (BD6) [Alexa Fluor® 405] NBP1-21513AF405

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 10/23/2024 v.20.1

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NBP1-21513AF405

Dectin-1/CLEC7A Antibody (BD6) [Alexa Fluor® 405]

| Product Information | |
|-------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | BD6 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG2b |
| Conjugate | Alexa Fluor 405 |
| Purity | Protein G purified |
| Buffer | 50mM Sodium Borate |
| Product Description | |
| Host | Mouse |
| Gene ID | 64581 |
| Gene Symbol | CLEC7A |
| Species | Human |
| Reactivity Notes | Reacts with Human. |
| Specificity/Sensitivity | NBP1-21513 recognizes human Dectin-1, also known as beta-glucan receptor (betaGR), a C-type lectin domain family member. It is a major pathogen pattern-recognition receptor that binds beta-glucans, glucose polymers that form cell-wall components or exopolymers of yeasts, fungi and some bacteria. Beta-glucans have also been used experimentally and therapeutically as immunomodulators that enhance resistance to bacterial, yeast, viral and protozoan infections, as well as tumor formation. Dectin-1 also acts as a co-stimulatory molecule on T-cells to induce their proliferation and is necessary for the TLR2-mediated inflammatory response. It is highly expressed on peripheral blood leukocytes and dendritic cells. Human Dectin-1 has two major (betaGR-A and betaGR-B) and several minor isoforms. betaGR-A and betaGR-B differs by the presence and absence, respectively, of a stalk region. Clone BD6 recognizes betaGR-A only. |
| Immunogen | NIH3T3 cells expressing full length Beta-glucan receptor |



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| Product Application Details | |
|------------------------------------|----------------|
| Applications | Flow Cytometry |
| Recommended Dilutions | Flow Cytometry |

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Products Related to NBP1-21513AF405

| | |
|-----------------|---|
| NBP2-27231AF405 | Mouse IgG2b Isotype Control (MPC-11) [Alexa Fluor® 405] |
| NBP1-21513AF647 | Dectin-1/CLEC7A Antibody (BD6) [Alexa Fluor® 647] |
| NBP2-55630PEP | Dectin-1/CLEC7A Recombinant Protein Antigen |
| 210-TA-005 | TNF-alpha [Unconjugated] |

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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