

Product Datasheet

Dectin-1/CLEC7A Antibody (BD6) [FITC] NBP1-25938

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-25938

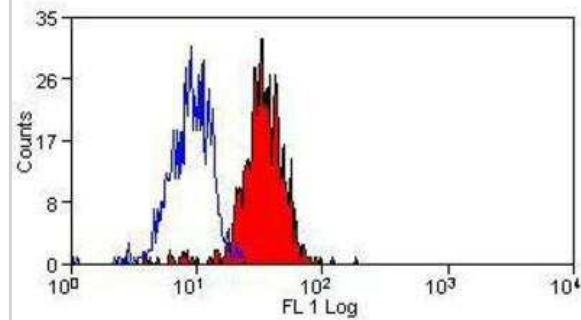
Dectin-1/CLEC7A Antibody (BD6) [FITC]

Product Information	
Unit Size	0.1 mg
Concentration	0.1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	BD6
Preservative	0.09% Sodium Azide
Isotype	IgG2b
Conjugate	FITC
Purity	Protein G purified
Buffer	PBS (pH 7.4), 1% BSA
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
Product Application Details	
Applications	Flow Cytometry
Recommended Dilutions	Flow Cytometry Neat-1:10



Images

Flow Cytometry: Dectin-1/CLEC7A Antibody (BD6) [FITC] [NBP1-25938]
- Staining of human peripheral blood monocytes with Mouse anti Human Dectin-1:FITC





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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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