

For Research Use Only

Dectin-1 Polyclonal antibody

Catalog Number: 22809-1-AP



Basic Information

Catalog Number: 22809-1-AP	GenBank Accession Number: BC013385	Purification Method: Antigen affinity purification
Size: 450 µg/ml	GeneID (NCBI): 64581	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q9BXN2	
Isotype: IgG	Full Name: C-type lectin domain family 7, member A	
Immunogen Catalog Number: AG18924	Calculated MW: 247 aa, 28 kDa	
	Observed MW: 45 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HL-60 cells, THP-1 cells, U-937 cells
Species Specificity: human	

Background Information

Dectin-1, also known as CLEC7A or CD369, is a type II membrane receptor consisting of an extracellular C-terminal C-type lectin domain, a short stalk region, a single transmembrane domain and a short N-terminal cytoplasmic tail, which contains an immunoreceptor tyrosine-based activation motif (PMID: 10779524; 21612412). Dectin-1 is expressed on monocytes, macrophages, neutrophils, dendritic cells and a subpopulation of T cells (PMID: 12244185). Dectin-1 plays a role in the innate immune response. It functions as a pattern-recognition receptor and recognizes a variety of β -glucans from fungi, plants and bacteria. Dectin-1 may also participate in orchestrating the adaptive immune response (PMID: 21612412). The apparent molecular weight is larger than the calculated molecular weight due to glycosylation (PMID: 10779524).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

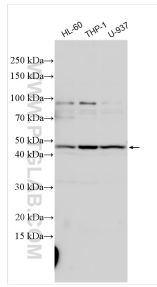
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 22809-1-AP (Dectin-1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.