

Dectin-1 Polyclonal Antibody

CATALOG #:	3891-100
AMOUNT:	100 µg
LOT #:	_____
HOST:	Rabbit
IMMUNOGEN:	Synthetic peptide surrounding amino acid 161 of human Dectin-1 (Internal ID# BV-B35).
SPECIES REACTIVITY:	Human, Mouse, Rat

FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

STORAGE CONDITIONS: Store at -20°C. For long term storage, store at -70°C.

DESCRIPTION:

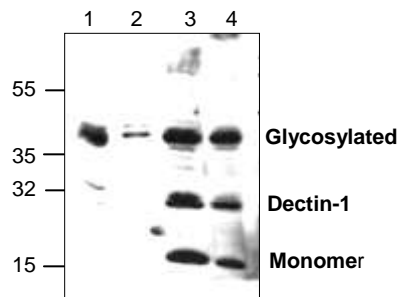
Dectin-1 also known as beta-glucan receptor is a small type II transmembrane receptor containing lectin-like carbohydrate recognition domain. Dectin-1 plays a role in beta-glucan dependant, nonopsonic recognition of zymosan by primary macrophage. Dectin-1 is expressed on macrophages and neutrophils and on some dendritic cells subpopulation.

SPECIFICITY:

The antibody recognizes 28 kDa of Dectin-1 from samples of human origins. A ~16 kDa monomeric form and a 43 kDa glycoprotein can also be detected. Reactivity to other species has not been tested.

APPLICATION AND USAGE:

The antibody can be used for Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide (Cat.# 3891BP-50) is available separately.



Cat. #: 3891-100

Western blot analysis of Dectin-1 expression in lysate from rat kidney (Lane 1), 3T3 cells (Lane 2) and Jurkat cells (Lane 3 & 4).

FOR RESEARCH USE ONLY! Not to be used on humans.

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