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Datasheet for ABIN893796

**anti-CLEC7A antibody (Alexa Fluor 647)**

## Overview

Quantity:	100 µL
Target:	CLEC7A
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CLEC7A antibody is conjugated to Alexa Fluor 647
Application:	Flow Cytometry (FACS), Western Blotting (WB)

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Beta-glucan receptor
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

## Target Details

Target:	CLEC7A
Alternative Name:	beta Glucan Receptor ( <a href="#">CLEC7A Products</a> )
Background:	Synonyms: BGR, CD369, CANDF4, DECTIN1, CLECSF12, C-type lectin domain family 7 member A, Beta-glucan receptor, C-type lectin superfamily member 12, Dendritic cell-associated C-type lectin 1, DC-associated C-type lectin 1, Dectin-1, CLEC7A, UNQ539/PRO1082 Background: Lectin that functions as pattern receptor specific for beta-1,3-linked and beta-1,6-

## Target Details

linked glucans, such as cell wall constituents from pathogenic bacteria and fungi. Necessary for the TLR2-mediated inflammatory response and for TLR2-mediated activation of NF-kappa-B. Enhances cytokine production in macrophages and dendritic cells. Mediates production of reactive oxygen species in the cell. Mediates phagocytosis of C.albicans conidia. Binds T-cells in a way that does not involve their surface glycans and plays a role in T-cell activation. Stimulates T-cell proliferation (By similarity).

Gene ID: 64581

UniProt: [Q9BXN2](#)

Pathways: [Activation of Innate immune Response](#)

## Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months