

## Datasheet for ABIN7472962 **anti-CLEC7A antibody (FITC)**

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### Overview

Quantity:	50 µg
Target:	CLEC7A
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This CLEC7A antibody is conjugated to FITC
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	Dectin-1 transfected NIH3T3 cells and recombinant soluble Dectin-1.
Clone:	2A11
Isotype:	IgG2b
Specificity:	Recognizes murine beta-glucan receptor, also known as Dectin-1. Dectin-1 is predominantly expressed by cells of the monocyte/macrophage and neutrophil lineages, but also at lower levels by dendritic cells and a subpopulation of T cells. As a major leucocyte receptor for beta-glucan this molecule may have a key role in the immunomodulatory effects of beta-glucans and in the host response to fungal pathogens. Recent work has shown that Dectin-1 may stimulate reactive oxygen production in macrophages via the protein tyrosine kinase known as Syk. Inhibits the binding of zymosan to macrophages via the beta-glucan receptor. The low endotoxin version is recommended for functional studies.

## Product Details

Purification: Protein G purified

## Target Details

Target: CLEC7A

Alternative Name: CLEC7A / Dectin 1 ([CLEC7A Products](#))

Background: Name/Gene ID: CLEC7A

Synonyms: CLEC7A, BGR, CANDF4, CLECSF12, Dectin-1, DC-associated C-type lectin 1, DECTIN1, HDectin-1, Beta-glucan receptor, Lectin-like receptor 1

Gene ID: 64581

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

## Application Details

Application Notes: Approved: Flo (1:1 - 1:10), IHC, IHC-Fr, IP

Usage: The applications listed have been tested for the unconjugated form of this product.  
Other forms have not been tested.

Comment: Target Species of Antibody: Mouse

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, 0.09 % sodium azide, 1 % BSA

Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing. Protect from light.

Storage: 4 °C, -20 °C

Storage Comment: Short term: store at 4°C. Long term: -20°C. Avoid freeze-thaw cycles. Protect from light.