

## CLEC7A Rabbit pAb

CatalogNo: YN2088

### Key Features

**Host Species**

- Rabbit

**Reactivity**

- Human, Mouse

**Applications**

- WB, ELISA

**MW**

- 27kD (Observed)

**Isotype**

- IgG

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

**WB 1:500-2000****ELISA 1:5000-20000**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from part region of human protein. AA range:25-125**Specificity** CLEC7A Polyclonal Antibody detects endogenous levels of protein.

### Target Information

**Gene name** CLEC7A BGR CLECSF12 DECTIN1 UNQ539/PRO1082

**Protein Name** 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)

Organism	Gene ID	UniProt ID
Human	<a href="#">64581</a> ;	<a href="#">Q9BXN2</a> ;
Mouse		<a href="#">Q6QLQ4</a> ;

**Cellular Localization** Cell membrane ; Single-pass type II membrane protein .; [Isoform 5]: Cytoplasm .; [Isoform 6]: Cytoplasm .; [Isoform 7]: Cytoplasm .

**Tissue specificity** Highly expressed in peripheral blood leukocytes and dendritic cells. Detected in spleen, bone marrow, lung, muscle, stomach and placenta.

**Function** Function:Lectin that functions as pattern receptor specific for beta-1,3-linked and beta-1,6-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.,induction:Up-regulated during differentiation from monocytes into dendritic cells.,PTM:Phosphorylated on tyrosine residues in response to glucan binding.,similarity:Contains 1 C-type lectin domain.,subunit:Isoform 5 interacts with RANBP9.,tissue specificity:Highly expressed in peripheral blood leukocytes and dendritic cells. Detected in spleen, bone marrow, lung, muscle, stomach and placenta.,

## | Validation Data

## | Contact information

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**CLEC7A Rabbit pAb**

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