

## Product datasheet for **TA320003**

### Dectin 1 (CLEC7A) Rabbit Polyclonal Antibody

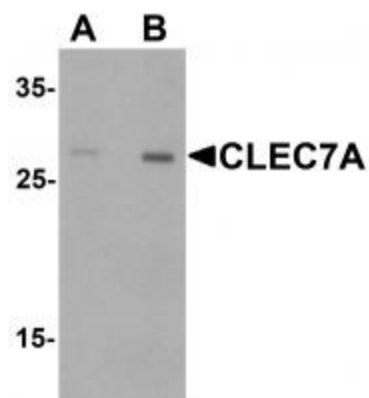
#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, ICC: 5 ug/mL, IF: 5 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	CLEC7A antibody was raised against a 17 amino acid synthetic peptide near the center of human CLEC7A.
Formulation:	CLEC7A Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	CLEC7A Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	C-type lectin domain family 7 member A
Database Link:	<a href="#">NP_922938</a> <a href="#">Entrez Gene 64581 Human</a> <a href="#">Q9BXN2</a>
Background:	CLEC7A Antibody: CLEC7A, also known as dectin-1, is a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily and is predominantly expressed on myeloid cells. It is a small glycoprotein type II membrane receptor with an extracellular C-type lectin-like domain fold and a cytoplasmic domain with an immunoreceptor tyrosine-based activation motif (ITAM). CLEC7A functions as a pattern-recognition receptor that recognizes a variety of beta-1,3-linked and beta-1,6-linked glucans from fungi and plants, and in this way plays a role in innate immune response. Upon fungal exposure, CLEC7A activates Syk tyrosine kinase, triggering a massive oxidative burst through the formation of reactive oxygen species.
Synonyms:	BGR; CANDF4; CD369; CLECSF12; DECTIN1; SCARE2

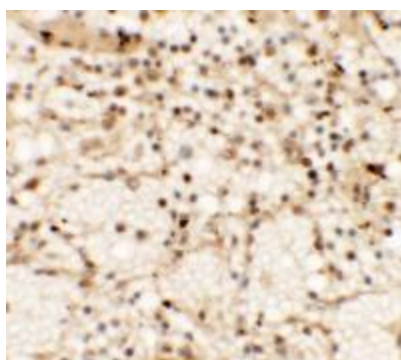


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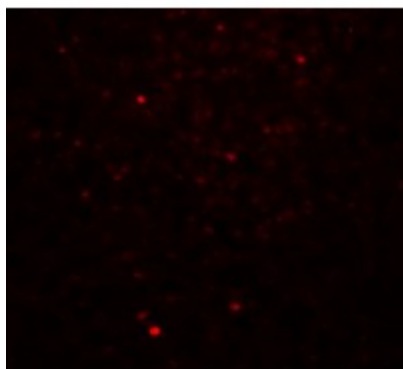
## Product images:



Western blot analysis of CLEC7A in rat spleen tissue lysate with CLEC7A antibody at (A) 1 and (B) 2 ug/.



Immunohistochemistry of CLEC7A in human spleen tissue with CLEC7A antibody at 5 ug/mL.



Immunofluorescence of CLEC7A in human spleen tissue with CLEC7A antibody at 20 ug/mL.