



# Dectin-2 Polyclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-14087                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Reactivity</b>                  | Human;Rat;Mouse;                                                                                                                                                                                                                                                                                                                                                               |
| <b>Applications</b>                | WB;IHC;IF;ELISA                                                                                                                                                                                                                                                                                                                                                                |
| <b>Gene Name</b>                   | CLEC6A                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Immunogen</b>                   | Synthesized peptide derived from the Internal region of human Dectin-2.                                                                                                                                                                                                                                                                                                        |
| <b>Specificity</b>                 | Dectin-2 Polyclonal Antibody detects endogenous levels of Dectin-2 protein.                                                                                                                                                                                                                                                                                                    |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                         |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                          |
| <b>Dilution</b>                    | WB: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000.. IF 1:50-200                                                                                                                                                                                                                                                                                                           |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>                    | Dectin-2;CLEC6A;C-type lectin domain family 6 member A;CLECSF10; DECTIN2;C-type lectin superfamily member 10;Dendritic cell-associated C-type lectin 2;DC-associated C-type lectin 2                                                                                                                                                                                           |
| <b>Observed Band</b>               | 23kD                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Calculated Molecular Weight</b> | 23kD                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cell Pathway</b>                | Cell membrane ; Single-pass type II membrane protein .                                                                                                                                                                                                                                                                                                                         |
| <b>Tissue Specificity</b>          | Expressed in lung, spleen, lymph node, leukocytes, bone marrow, tonsils and dendritic cells. Strongly expressed in purified monocytes and weakly in B-cells. In peripheral blood cells, preferentially expressed in plasmacytoids rather than myeloids.                                                                                                                        |
| <b>Function</b>                    | function:May be involved in regulating immune reactivity.,similarity:Contains 1 C-type lectin domain.,tissue specificity:Expressed in dendritic cells.,                                                                                                                                                                                                                        |
| <b>Background</b>                  | The protein encoded by this gene is a type II membrane receptor with an extracellular C-type lectin-like domain fold. The extracellular portion binds structures with a high mannose content and has been shown to recognize several pathogens, including C. elegans, S. cerevisiae, M. tuberculosis, C. neoformans, and house dust mite. When stimulated, the encoded protein |



initiates signalling through the CARD9-Bcl10-Malt1 pathway, leading to the induction of cytokines. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2015],

**matters needing attention**

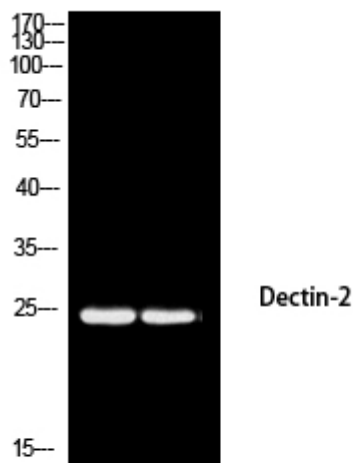
Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

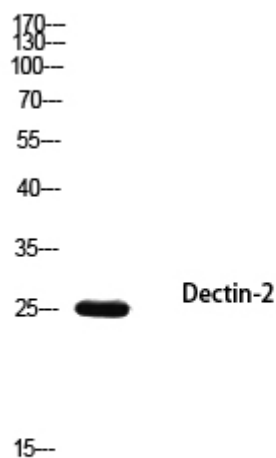
## Products Images

SH-SY5Y 293T

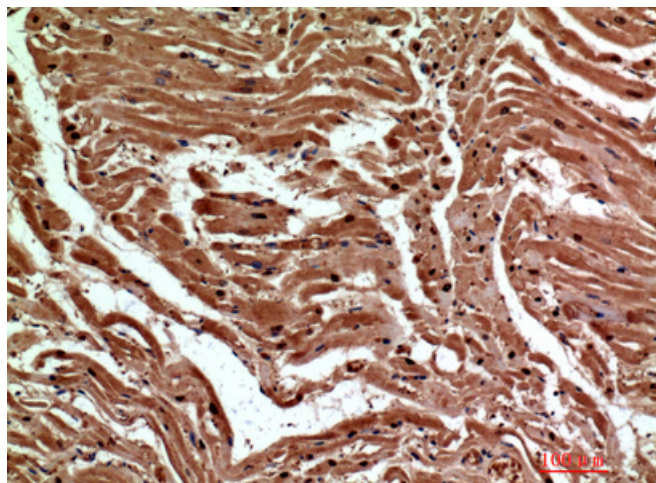


Western blot analysis of SH-SY5Y 293T using Dectin-2 antibody. Antibody was diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

K562



Western blot analysis of K562 using Dectin-2 antibody. Antibody was diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-heart, antibody was diluted at 1:200