

## Rat DECTIN-1 Monoclonal Antibody | anti-DECTIN-1 antibody

RAT ANTI MOUSE DECTIN-1:Biotin

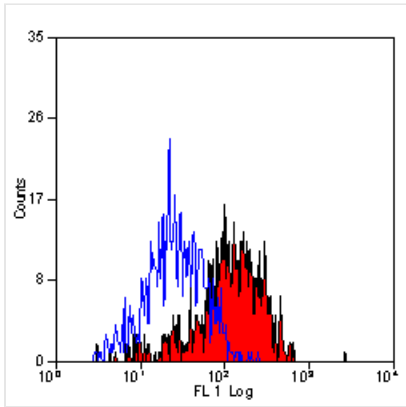
|                              |                    |                                                         |
|------------------------------|--------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA12128</b> | HOST<br><b>Rat</b> | APPLICATIONS<br><b>Flow Cytometry, Functional Assay</b> |
|------------------------------|--------------------|---------------------------------------------------------|

### PRODUCT SYNONYMS

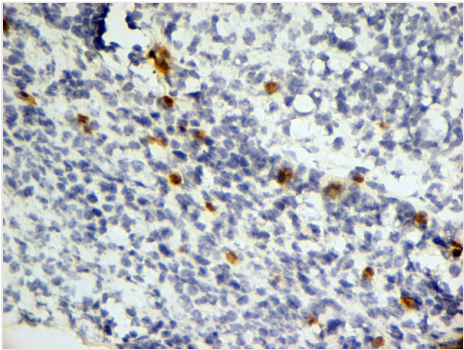
DECTIN-1; Monoclonal Antibody; RAT ANTI MOUSE DECTIN-1:Biotin; anti-DECTIN-1 antibody

### PRODUCT SPECIFICATIONS

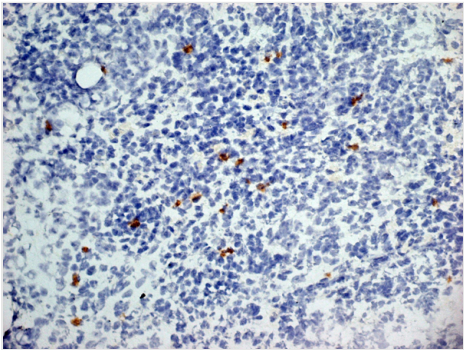
|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                               | Rat                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Clonality                                          | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Isotype                                            | IgG2b                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Clone Number                                       | 2A11                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Form/Format                                        | Biotin<br>Purified IgG conjugated to Biotin - liquid                                                                                                                                                                                                                                                                                                                                                                              |
| Concentration                                      | IgG concentration 0.1 mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                       |
| Sequence Length                                    | 244                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Applicable Applications for anti-DECTIN-1 antibody | FCM/FACS (Flow Cytometry)                                                                                                                                                                                                                                                                                                                                                                                                         |
| Application Notes                                  | Flow Cytometry: Use 10ul of the suggested working dilution to label 106 cells in 100ul<br><b>Flow Cytometry:</b> Minimum Dilution: Neat; Maximum Dilution: 1/10                                                                                                                                                                                                                                                                   |
| Perservative Stabilisers                           | 0.09% Sodium Azide<br>1% Bovine Serum Albumin<br>Preparation                                                                                                                                                                                                                                                                                                                                                                      |
| Immunogen                                          | Dectin-1 transfected NIH3T3 cells and recombinant soluble Dectin-1<br>Fusion Partners                                                                                                                                                                                                                                                                                                                                             |
| Target Species                                     | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Preparation and Storage                            | Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost-free freezers is not recommended. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.<br>Shelf Life: 18 months from date of despatch. |



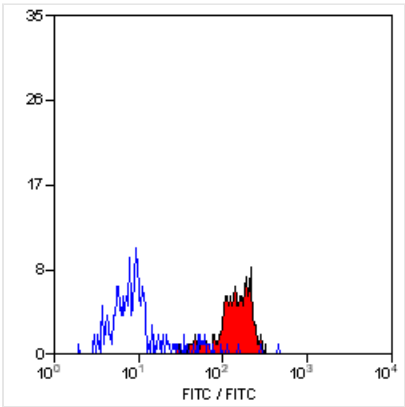
**Application Data**  
Staining of mouse peritoneal macrophages with Rat anti Mouse Beta-glucan Receptor: FITC



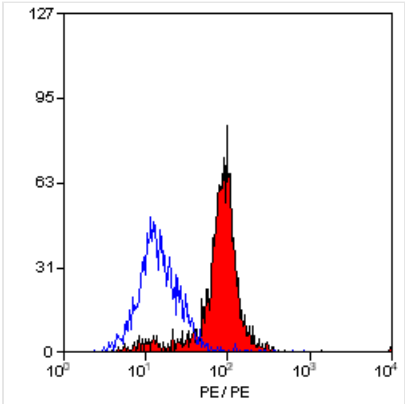
**Application Data**  
Immunoperoxidase staining of a mouse lymph node cryosection with Rat anti Mouse Dectin-1 antibody, clone 2A11 followed by horseradish peroxidase conjugated Goat anti Rat IgG antibody . Medium power



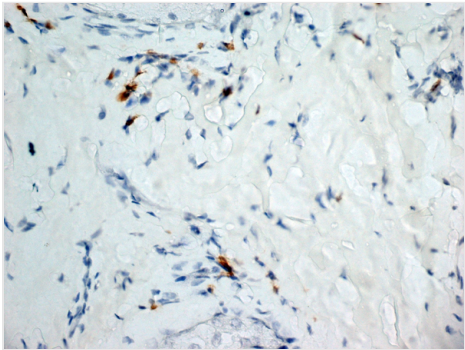
**Application Data**  
Immunoperoxidase staining of a mouse lymph node cryosection with Rat anti Mouse Dectin-1 antibody, clone 2A11 followed by horseradish peroxidase conjugated Goat anti Rat IgG antibody . Low power



**Application Data**  
Staining of mouse peripheral blood monocytes with Rat anti Mouse Beta-glucan Receptor



**Application Data**  
Staining of mouse peripheral blood granulocytes with Rat anti Mouse Beta-glucan Receptor:Biotin



**Application Data**  
Immunoperoxidase staining of a mouse lymph node cryosection with Rat anti Mouse Dectin-1 antibody, clone 2A11 followed by horseradish peroxidase conjugated Goat anti Rat IgG antibody . High power

NCBI AND UNIPROT INFORMATION

|                           |             |
|---------------------------|-------------|
| NCBI GI #                 | 188035930   |
| NCBI GeneID               | 56644       |
| NCBI Accession #          | NP_064392.2 |
| NCBI GenBank Nucleotide # | NM_020008.2 |
| Molecular Weight          | 27,420 Da   |

|                                  |                                                                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Official Full Name          | C-type lectin domain family 7 member A                                                                                                                                                                                                                                           |
| NCBI Official Synonym Full Names | C-type lectin domain family 7, member a                                                                                                                                                                                                                                          |
| NCBI Official Symbol             | Clec7a                                                                                                                                                                                                                                                                           |
| NCBI Official Synonym Symbols    | BGR; beta-GR; Clecsf12                                                                                                                                                                                                                                                           |
| NCBI Protein Information         | C-type lectin domain family 7 member A; C-type (calcium dependent, carbohydrate recognition domain) lectin, superfamily member 12; C-type lectin superfamily member 12; DC-associated C-type lectin 1; beta-glucan receptor; dectin-1; dendritic cell-associated C-type lectin 1 |
| UniProt Protein Name             | C-type lectin domain family 7 member A                                                                                                                                                                                                                                           |
| UniProt Gene Name                | <b>Clec7a</b>                                                                                                                                                                                                                                                                    |
| UniProt Synonym Gene Names       | Bgr; Clecsf12; Dectin1; DC-associated C-type lectin 1; Dectin-1                                                                                                                                                                                                                  |
| UniProt Entry Name               | CLC7A_MOUSE                                                                                                                                                                                                                                                                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/dectin-1-antibody-clone-2a11-flow-cytometry-elisa/12128>