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## Datasheet for ABIN6143133 anti-LECT1 antibody (AA 75-334)

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | LECT1  |
| Binding Specificity: | AA 75-334                                      |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal                                     |
| Conjugate:           | This LECT1 antibody is un-conjugated           |
| Application:         | Western Blotting (WB), Immunofluorescence (IF) |

### Product Details

|                   |   |
|-------------------|---|
| Immunogen:        | Recombinant fusion protein containing a sequence corresponding to amino acids 75-334 of human LECT1 (NP_008946.1).  |
| Sequence:         | VHYTMSINGK LQDGSMEIDA GNNLETFKMG SGAEAAIAVN DFQNGITGIR FAGGEKCYIK<br>AQVKARIPEV GAVTKQSISS KLEGKIMPVK YEENSLIWVA VDQPVKDNSF LSSKVLELCG<br>DLPIFWLKPT YPKEIQRERR EVVRKIVPTT TKRPHSGPRS NPGAGRLNNE TRPSVQEDSQ<br>AFNPDNPYHQ QEGESMTFDP RLDHEGICCI ECRRSYTHCQ KICEPLGGYY PWPYNYQGCR<br>SACRVIMPCS WWVARILGMV |
| Isotype:          | IgG   |
| Cross-Reactivity: | Human, Mouse  |
| Characteristics:  | Polyclonal Antibodies   |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | LECT1  |
| Alternative Name: | LECT1 ( <a href="#">LECT1 Products</a> )   |
| Background:       | <p>This gene encodes a glycosylated transmembrane protein that is cleaved to form a mature, secreted protein. The N-terminus of the precursor protein shares characteristics with other surfactant proteins and is sometimes called chondrosurfactant protein although no biological activity has yet been defined for it. The C-terminus of the precursor protein contains a 25 kDa mature protein called leukocyte cell-derived chemotaxin-1 or chondromodulin-1. The mature protein promotes chondrocyte growth and inhibits angiogenesis. This gene is expressed in the avascular zone of prehypertrophic cartilage and its expression decreases during chondrocyte hypertrophy and vascular invasion. The mature protein likely plays a role in endochondral bone development by permitting cartilaginous anlagen to be vascularized and replaced by bone. It may be involved also in the broad control of tissue vascularization during development.</p> <p>Alternative splicing results in multiple transcript variants encoding different isoforms.,CNMD,BRICD3,CHM-I,CHM1,LECT1,MYETS1,Cancer,Invasion and Metastasis,Signal Transduction,Cell Biology &amp; Developmental Biology,Cell Cycle,Cell differentiation,Cytoskeleton,Extracellular Matrix,Bone,Cardiovascular,Angiogenesis,Angiogenic inhibitory factors,LECT1</p> |
| Molecular Weight: | 36 kDa/37 kDa  |
| Gene ID:          | 11061  |
| UniProt:          | <a href="#">O75829</a>   |

## Application Details

|                    |                                   |
|--------------------|-----------------------------------|
| Application Notes: | WB,1:500 - 1:2000,IF,1:50 - 1:100 |
| Restrictions:      | For Research Use only             |

## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Buffer:            | PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.  |
| 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

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Storage: -20 °C

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Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.