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Datasheet for ABIN872743  
**anti-LECT1 antibody (AA 231-334)**

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | LECT1  |
| Binding Specificity: | AA 231-334   |
| Reactivity:          | Human, Mouse   |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This LECT1 antibody is un-conjugated   |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

## Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human LECT1 |
| Isotype:              | IgG   |
| Cross-Reactivity:     | Human, Mouse  |
| Predicted Reactivity: | Rat,Dog,Cow,Pig,Rabbit,Guinea Pig                         |
| Purification:         | Purified by Protein A.                                    |

## Target Details

|         |       |
|---------|-------|
| Target: | LECT1 |
|---------|-------|

## Target Details

Alternative Name: LECT1 ([LECT1 Products](#))

Background: Synonyms: Chondromodulin I, BRICD3, BRICHOS domain containing 3, CHM I, CHM1, chondromodulin, Chondrosurfactant protein, LECT 1, Leukocyte cell derived chemotaxin 1, LECT1\_HUMAN.

Background: The LECT1 gene encodes a glycosylated transmembrane protein which 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 chondromodulin 1 or chemotaxin 1. The mature protein inhibits angiogenesis and promotes chondrocyte growth. 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. Alternative splicing results in multiple transcript variants encoding different isoforms.

Gene ID: 11061

## Application Details

Application Notes: WB 1:300-5000  
ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

## Handling

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|                    |  |
|--------------------|--|
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | 4 °C, -20 °C   |
| Storage Comment:   | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.                                    |
| Expiry Date:       | 12 months  |