

Rabbit anti-Human LECT1 Polyclonal Antibody | anti-LECT1 antibody

LECT1 antibody

CATALOG # AAA302970	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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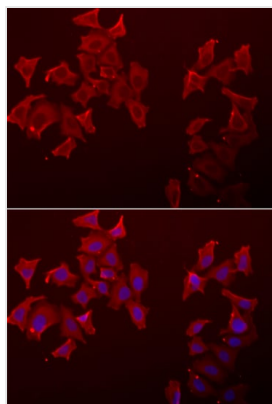
PRODUCT SYNONYMS

LECT1; Polyclonal Antibody; LECT1 antibody; CHM1; CHM-I; BRICD3; MYETS1; anti-LECT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total LECT1 antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	333
Applicable Applications for anti-LECT1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human LECT1.
Target Name	LECT1
Preparation and Storage	Store at -20°C.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of A549 cell using LECT1 antibody. Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-LECT1 antibody	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. Alternative splicing results in multiple transcript variants encoding different isoforms.
Product Categories/Family for anti-LECT1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	59806343
NCBI GeneID	11061
NCBI Accession #	NP_001011705.1
NCBI GenBank Nucleotide #	NM_001011705.1
UniProt Accession #	O75829; Q5TAM4; Q8TAY6; Q9UM18
Molecular Weight	SDS-PAGE MW: 37kd
NCBI Official Full Name	leukocyte cell-derived chemotaxin 1 isoform 2
NCBI Official Synonym Full Names	leukocyte cell derived chemotaxin 1
NCBI Official Symbol	LECT1
NCBI Official Synonym Symbols	CHM1; CHM-I; BRICD3; MYETS1
NCBI Protein Information	leukocyte cell-derived chemotaxin 1
UniProt Protein Name	Leukocyte cell-derived chemotaxin 1
UniProt Gene Name	LECT1
UniProt Synonym Gene Names	CHMI; CH-SP; ChM-I
UniProt Entry Name	LECT1_HUMAN

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.