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CLEC11A Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP11087C

Specification

CLEC11A Antibody (Center) - Product Information

Application	**WB, IHC-P, FC,E**
Primary Accession	Q9Y240
Other Accession	NP_002966.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**35695**
Antigen Region	**145-174**

CLEC11A Antibody (Center) - Additional Information

Gene ID 6320

Other Names
C-type lectin domain family 11 member A, C-type lectin superfamily member 3, Lymphocyte secreted C-type lectin, Stem cell growth factor, p47, CLEC11A, CLECSF3, LSLCL, SCGF

Target/Specificity
This CLEC11A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 145-174 amino acids from the Central region of human CLEC11A.

Dilution
WB~~1:1000
IHC-P~~1:50~100
FC~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
CLEC11A Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

CLEC11A Antibody (Center) - Protein Information

Name CLEC11A

Synonyms CLECSF3, LSLCL, SCGF

Function Promotes osteogenesis by stimulating the differentiation of mesenchymal progenitors into mature osteoblasts (PubMed:27976999). Important for repair and maintenance of adult bone (By similarity).

Cellular Location
Cytoplasm. Secreted

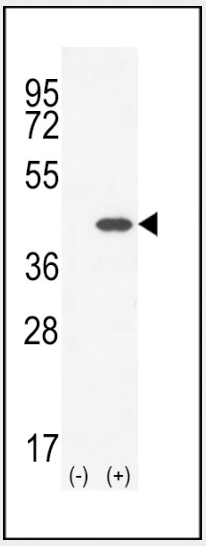
Tissue Location
Expressed in skeletal tissues including bone marrow, chondrocytes, primary ossification center-associated cells, the perichondrium and periosteum. Lower levels of expression were detected in spleen, thymus, appendix and fetal liver

CLEC11A Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

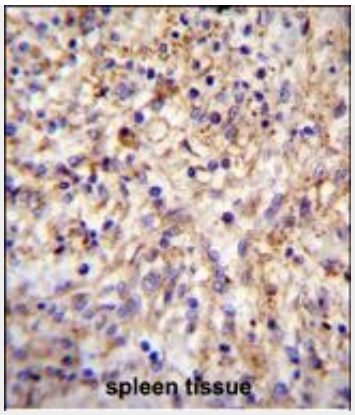
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CLEC11A Antibody (Center) - Images

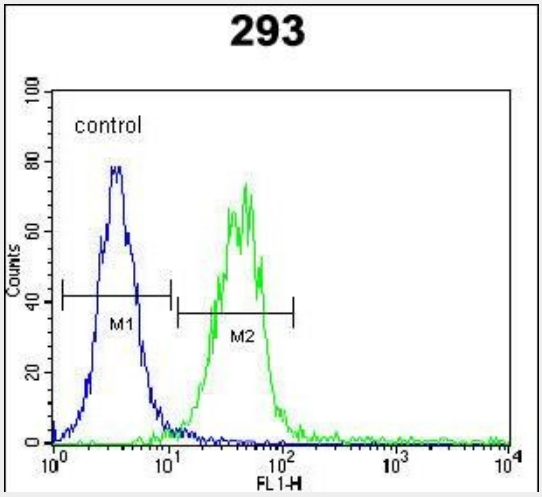


Western blot analysis of CLEC11A (arrow) using rabbit polyclonal CLEC11A Antibody (Center) (Cat. #AP11087c). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the CLEC11A gene.

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CLEC11A Antibody (Center) (Cat. #AP11087c)immunohistochemistry analysis in formalin fixed and paraffin embedded human spleen tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of CLEC11A Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



CLEC11A Antibody (Center) (Cat. #AP11087c) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

CLEC11A Antibody (Center) - Background

This gene encodes a member of the C-type lectin superfamily. The encoded protein is a secreted sulfated glycoprotein and functions as a growth factor for primitive hematopoietic progenitor cells. An alternative splice variant has been described but its biological nature has not been determined.

CLEC11A Antibody (Center) - References

Ouma, C., et al. Infect. Immun. 78(1):453-460(2010)
Keller, C.C., et al. Infect. Immun. 77(9):3864-3871(2009)
Lan, C.C., et al. Br. J. Dermatol. 160(6):1180-1187(2009)
Lamesch, P., et al. Genomics 89(3):307-315(2007)
Hollenbeck, S.T., et al. J. Surg. Res. 120(2):288-294(2004)

CLEC11A Antibody (Center) - Citations

- Genetic Analysis of Giant Cell Lesions of the Maxillofacial and Axial/Appendicular Skeletons.