

CD303 Polyclonal Antibody
Catalog # AP74113**Specification**

CD303 Polyclonal Antibody - Product Information

Application	IHC-P
Primary Accession	Q8WTT0
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

CD303 Polyclonal Antibody - Additional Information**Gene ID** 170482**Other Names**

C-type lectin domain family 4 member C (Blood dendritic cell antigen 2) (BDCA-2) (C-type lectin superfamily member 7) (Dendritic lectin) (CD antigen CD303)

Dilution

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

CD303 Polyclonal Antibody - Protein Information**Name** CLEC4C**Synonyms** BDCA2, CLECSF11, CLECSF7, DLEC, HECL**Function**

Lectin-type cell surface receptor which may play a role in antigen capturing by dendritic cells (PubMed: [11748283](http://www.uniprot.org/citations/11748283), PubMed: [21880719](http://www.uniprot.org/citations/21880719), PubMed: [25995448](http://www.uniprot.org/citations/25995448)). Specifically recognizes non-sialylated galactose- terminated biantennary glycans containing the trisaccharide epitope Gal(beta1-3/4)GlcNAc(beta1-2)Man (PubMed: [21880719](http://www.uniprot.org/citations/21880719), PubMed: [25995448](http://www.uniprot.org/citations/25995448)). Binds to serum IgG (PubMed: [25995448](http://www.uniprot.org/citations/25995448)). Efficiently targets ligand into antigen-processing and peptide-loading compartments for presentation to T-cells (PubMed: [11748283](http://www.uniprot.org/citations/11748283)). May mediate potent inhibition of induction of IFN-alpha/beta expression in plasmacytoid dendritic cells

(PubMed:11748283, PubMed:21880719). May act as a signaling receptor that activates protein-tyrosine kinases and mobilizes intracellular calcium (PubMed:11748283).

Cellular Location

Cell membrane; Single-pass type II membrane protein

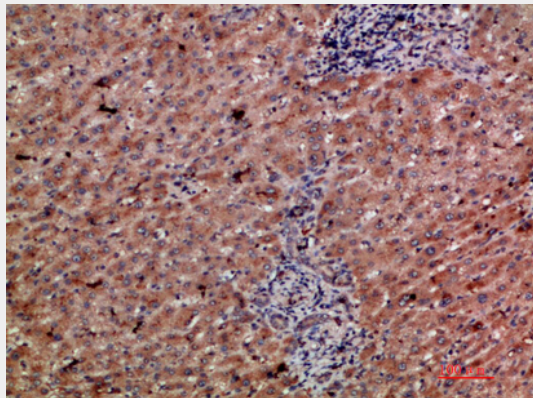
Tissue Location

Expressed in plasmacytoid dendritic cells (PDCs). Constitutively expressed in immature monocyte-derived dendritic cells (iMDDC) and is significantly down-regulated upon maturation with LPS but not with TNF-alpha.

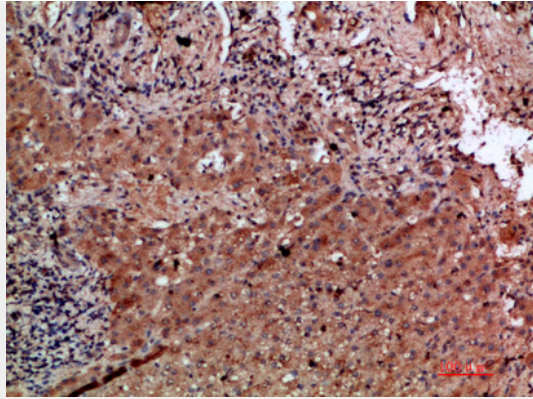
CD303 Polyclonal Antibody - Protocols

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

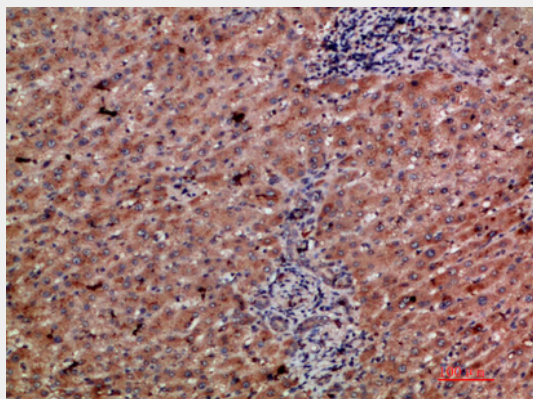
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD303 Polyclonal Antibody - Images

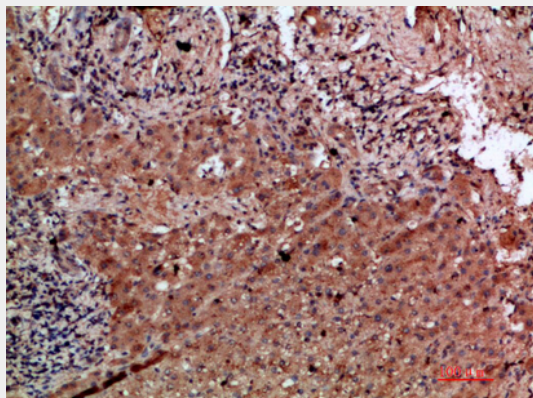
Immunohistochemical analysis of paraffin-embedded human-liver-cancer, antibody was diluted at 1:200



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