

**(** Tel: 400-999-8863 ■ Emall:Upingbio.163.com



## CD303 Polyclonal Antibody

Catalog No	YP-Ab-10669
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	IHC;IF;ELISA
Gene Name	CLEC4C BDCA2 CLECSF11 CLECSF7 DLEC HECL UNQ9361/PRO34150
Protein Name	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)
Immunogen	Synthetic peptide from human protein at AA range: 91-140
Specificity	The antibody detects endogenous CD303
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC-p 1:50-200, ELISA 1:10000-20000. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	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)
Observed Band	
Cell Pathway	Cell membrane ; Single-pass type II membrane protein .
Tissue Specificity	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.
Function	function:Involved in antigen-capturing. Target ligand into antigen processing and peptide-loading compartments for presentation to T-cells. May mediate potent inhibition of induction of IFN-alpha/beta expression in plasmacytoid dendritic cells. May act as a signaling receptor that activates protein-tyrosine kinases and mobilizes intracellular calcium. Does not seem to bind mannose.,online information:BDCA-2,similarity:Contains 1 C-type lectin domain.,tissue specificity: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.,
Background	This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signalling, glycoprotein



## UpingBio technology Co.,Ltd

Tel: 400-999-8863 
■ Email:Upingbio.163.com



turnover, and roles in inflammation and immune response. The encoded type 2 transmembrane protein may play a role in dendritic cell function. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008],

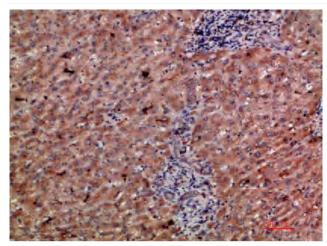
matters needing attention

Avoid repeated freezing and thawing!

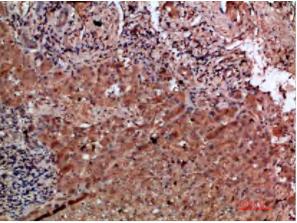
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



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



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