

**Anti-CLEC4C Reference Antibody (LFB patent anti-BDCA-2)
Recombinant Antibody
Catalog # APR10837****Specification****Anti-CLEC4C Reference Antibody (LFB patent anti-BDCA-2) - Product Information**

Application	FC, Kinetics, Animal Model
Primary Accession	Q8WTT0
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Calculated MW	150 KDa

Anti-CLEC4C Reference Antibody (LFB patent anti-BDCA-2) - Additional Information**Target/Specificity**
CLEC4C**Endotoxin**
< 0.001EU/ µg,determined by LAL method.**Conjugation**
Unconjugated**Expression system**
CHO Cell**Format**
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.**Anti-CLEC4C Reference Antibody (LFB patent anti-BDCA-2) - 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, PubMed:21880719, PubMed:25995448). Specifically recognizes non-sialylated galactose- terminated biantennary glycans containing the trisaccharide epitope Gal(beta1-3/4)GlcNAc(beta1-2)Man (PubMed:21880719, PubMed:25995448). Binds to serum IgG (PubMed:25995448). Efficiently targets ligand into antigen-processing and

peptide-loading compartments for presentation to T-cells (PubMed: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

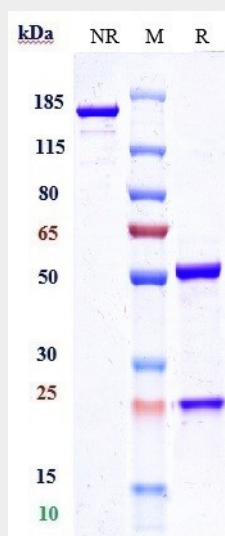
Expressed in plasmacytoid dendritic cells (PDCs). Constitutively expressed in immature monocyte-derived dendritic cells (iMDDC) and is significantly down-regulated upon maturation with LPS but not with TNF-alpha.

Anti-CLEC4C Reference Antibody (LFB patent anti-BDCA-2) - Protocols

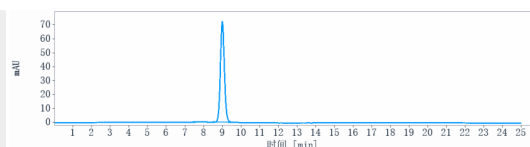
Provided below are standard protocols that you may find useful for product applications.

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

Anti-CLEC4C Reference Antibody (LFB patent anti-BDCA-2) - Images



Anti-CLEC4C Reference Antibody (LFB patent anti-BDCA-2) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-CLEC4C Reference Antibody (LFB patent anti-BDCA-2) is more than 95% ,determined by SEC-HPLC.