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# CLEC4M Rabbit pAb

货号: **AYP19017**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF/ICC
推荐浓度	<b>WB:</b> 1:500 - 1:1000 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	24-45kDa
实测分子量	45KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HepG2
细胞定位	Cell membrane,Secreted,Single-pass type II membrane protein
纯化	Affinity purification

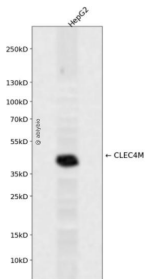
## 抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human CLEC4M (NP_055072.3).
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## 靶点信息

研究背景	This gene encodes a transmembrane receptor and is often referred to as L-SIGN because of its expression in the endothelial cells of the lymph nodes and liver. The encoded protein is involved in the innate immune system and recognizes numerous evolutionarily divergent pathogens ranging from parasites to viruses, with a large impact on public health. The protein is organized into three distinct domains: an N-terminal transmembrane domain, a tandem-repeat neck domain and C-type lectin carbohydrate recognition domain. The extracellular region consisting of the C-type lectin and neck domains has a dual function as a pathogen recognition receptor and a cell adhesion receptor by binding carbohydrate ligands on the surface of microbes and endogenous cells. The neck region is important for homo-oligomerization which allows the receptor to bind multivalent ligands with high avidity. Variations in the number of 23 amino acid repeats in the neck domain of this protein are common and have a significant impact on ligand binding ability. This gene is closely related in terms of both sequence and function to a neighboring gene (GeneID 30835; often referred to as DC-SIGN or CD209). DC-SIGN and L-SIGN differ in their ligand-binding properties and distribution. Alternative splicing results in multiple variants.
基因ID	10332
基因名	CLEC4M
Swiss	Q9H2X3 ( <a href="https://www.uniprot.org/uniprotkb/Q9H2X3/entry">https://www.uniprot.org/uniprotkb/Q9H2X3/entry</a> )
别名	CLEC4M,CD209L,CD299,DC-SIGN2,DC-SIGNR,DCSIGNR,HP10347,L-SIGN,LSIGN,CLEC4M Rabbit pAb,CD209 antigen-like protein 1,DC-SIGN-related protein,Dendritic cell-specific ICAM-3-grabbing non-integrin 2,Liver/lymph node-specific ICAM-3-grabbing non-integrin,CD209L1

## 产品验证



Western blot analysis of CLEC4M expressed in HepG2 using CLEC4M Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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