

C 型凝集素结构域家族 6 成员 A 抗体

产品货号： mIR2566

英文名称： DECTIN2

中文名称： C 型凝集素结构域家族 6 成员 A 抗体

别名： DECTIN-2; DECTIN 2; DECTIN2; C type lectin domain family 6 member A; C type lectin superfamily member 10; C-type lectin domain family 6 member A; C-type lectin superfamily member 10; CLC6A_HUMAN; CLEC4N; Clec6a; CLECSF10; DC associated C type lectin 2; DC-associated C-type lectin 2; Dectin-2; Dectin2; Dendritic cell associated lectin 2; Dendritic cell-associated C-type lectin 2.

研究领域： 细胞生物 免疫学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Cow, Horse, Sheep,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 24kDa

细胞定位： 细胞膜

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human Dectin-2:110-209/209

亚 型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed： PubMed

产品介绍： Dectin 2 is a type II transmembrane protein that is a member of the C type lectin superfamily. In mouse, dectin 2 is predominantly expressed on tissue macrophages and some dendritic cells. Significant expression of Dectin 2 has been reported on macrophages in the red pulp and marginal zones of the spleen, kupffer cells in the liver and alveolar macrophages in the lung. Peripheral blood monocytes express low levels of dectin 2 but transient up regulation of expression has been demonstrated on monocytes at sites of inflammation. The function of dectin 2 has not been fully determined but studies suggest a possible role in immune surveillance.

Function:

Binds high-mannose carbohydrates in a Ca(2+)-dependent manner. Functional receptor for alpha-mannans on C.albicans hyphae. Plays an important role in the host defense against C.albicans infection by inducing TH17 cell differentiation. Recognizes also, in a mannose-dependent manner, allergens from house dust mite and fungi, by promoting cysteinyl leukotriene production. Recognizes soluble elements from the eggs of Shistosoma mansoni altering adaptative immune responses. Transduces signals through an Fc receptor gamma chain /FCER1G and Syk-CARD9-NF-kappa-B-dependent pathway (By similarity).

Subunit:

Associated with FCER1G.

Subcellular Location:

Membrane; Single-pass type II membrane protein (Probable).

Tissue Specificity:

Expressed in lung, spleen, lymph node, leukocytes, bone marrow, tonsils and dendritic cells. Strongly expressed in purified monocytes and weakly in B-cells. In peripheral blood cells, preferentially expressed in plasmacytoids rather than myeloids.

Similarity:

Contains 1 C-type lectin domain.

SWISS:

Q6EIG7

Gene ID:

93978

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.