淋巴细胞抗原 Ly6D 抗体

产品货号： mlR18604

英文名称： LY6D

中文名称： 淋巴细胞抗原 Ly6D 抗体

别　　名： E48 antigen; LY 6D; LY-6D;Lymphocyte antigen 6 complex; LY6D_HUMAN; Lymphocyte antigen 6 complex locus D; Lymphocyte antigen D; Lymphocyte antigen 6D.

研究领域： 细胞生物　免疫学　淋巴细胞　t-淋巴细胞　b-淋巴细胞

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=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： 8.4kDa

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 LY6D:41-128/128

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 癈 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 癈. 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 癈.

PubMed： PubMed

产品介绍： Ly-6D is a 128 amino acid glycoprotein that is expressed in squamous cell carcinoma cell lines and squamous cell epithelia tissue. Ly-6D contains a signal peptide, 2 theoretical phosphorylation sites and 3 putative myristoylation sites. Upregulation of the gene encoding Ly-6D in head and neck cancers is associated with poor prognosis and high expression of Ly-6D has been linked to enhanced cell migration. Ly-6D is frequently used as a molecular marker for diagnosis and therapy of head-and-neck squamous cell carcinoma (HNSCC). It has been suggested that Ly-6D may regulate the expression levels of certain fucosylated E-selectin ligands and protein FX, a protein that contributes to the last step in the synthesis of GDP-L-fucose, in HNSCC cell lines. This finding is indicative that Ly-6D may regulate tumor cell adhesion in inflamed vessel walls that express E-selectin.

Function:

May act as a specification marker at earliest stage specification of lymphocytes between B- and T-cell development. Marks the earliest stage of B-cell specification.

Subcellular Location:

Cell membrane; Lipid-anchor ?GPI-anchor

Tissue Specificity:

Expressed exclusively at the outer cell surface of transitional epithelia and the keratinocyte of stratified squamous epithelia.

Similarity:

Contains 1 UPAR/Ly6 domain.

SWISS:

Q14210

Gene ID:

8581

Important Note:

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