

# Recombinant Anti-MHC Class II antibody (兔单克隆抗体)

K5450279 -20°C



## 产品信息

蛋白质全称	人类白细胞抗原 II 类组织相容性抗原 DPβ1 链
别名	HLA-DP1B, HLA-DPB1, MHC class II antigen DPB1, HLA class II histocompatibility antigen, DP(W4) beta chain
免疫原	KLH 偶联的人 MHC Class II 合成肽
Uniprot ID	P04440
抗体亚型	IgG
克隆号	SB458
纯化方式	亲和纯化
亚细胞定位	细胞膜, 内质网膜, 高尔基体, 高尔基体反面膜网络, 内体膜, 溶酶体膜
预测分子量 / 观测分子量	29 kDa / 29 kDa

## 应用

### WB 免疫印迹

物种: 人  
 稀释比: 1: 1000-1: 2000  
 阳性样品:

### IHC/IF 免疫组织化学/免疫荧光

物种: 人  
 稀释比: 1: 500-1: 1500  
 阳性样品: 食管癌, 肺癌

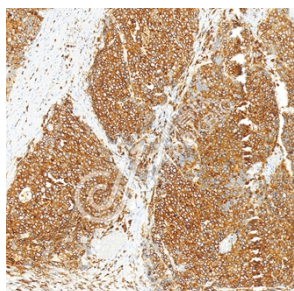
## 背景

Binds peptides derived from antigens that access the endocytic route of antigen presenting cells (APC) and presents them on the cell surface for recognition by the CD4 T-cells. The peptide binding cleft accommodates peptides of 10-30 residues. The peptides presented by MHC class II molecules are generated mostly by degradation of proteins that access the endocytic route, where they are processed by lysosomal proteases and other hydrolases. Exogenous antigens that have been endocytosed by the APC are thus readily available for presentation via MHC II molecules, and for this reason this antigen presentation pathway is usually referred to as exogenous. As membrane proteins on their way to degradation in lysosomes as part of their normal turn-over are also contained in the endosomal/lysosomal compartments, exogenous antigens must compete with those derived from endogenous components.

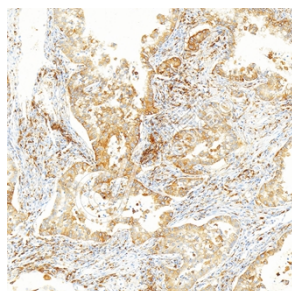
## 储存条件

**储存条件:** 自收到之日起 -20°C下储存一年, 避免反复冻融。  
**储存缓冲液:** 含 0.15% ProClin300 防腐剂, 100 µg/mL 牛血清白蛋白和 50%甘油的磷酸盐缓冲液。

## 图像



IHC 检测 MHC Class II 蛋白(货号 K5450279).  
 样品: 人食管癌, 4%多聚甲醛 (货号 KSG1101) 固定 12-24 小时.  
 抗原修复: Tris-EDTA 抗原修复液(pH 9.0) (KSG1203), 100°C, 25 分钟.  
 一抗: 1: 1000 稀释, 4°C 孵育过夜.  
 二抗: S-vision 免疫组化多聚二抗(山羊抗兔),即用型 (货号 KB3906), 室温孵育 20 分钟.



IHC 检测 MHC Class II 蛋白(货号 K5450279).  
 样品: 人肺癌, 4%多聚甲醛 (货号 KSG1101) 固定 12-24 小时.  
 抗原修复: Tris-EDTA 抗原修复液(pH 9.0) (KSG1203), 100°C, 25 分钟.  
 一抗: 1: 1000 稀释, 4°C 孵育过夜.  
 二抗: S-vision 免疫组化多聚二抗(山羊抗兔),即用型 (货号 KB3906), 室温孵育 20 分钟.

For Research Use Only!

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