

## 组织相容性复合体蛋白 1 抗体

产品货号： mlR7335

英文名称： MHC class I

中文名称： 组织相容性复合体蛋白 1 抗体

别名： MHC-1; MHC1; MHC 1; A 28; A 9; Aw 24; Aw 68; CLASS I HISTOCOMPATIBILITY ANTIGEN; H2 K1; H2K; HLA A; HLAA; HLA-A; HLA class I histocompatibility antigen A 1 alpha chain; HLA class I histocompatibility antigen A 11 alpha chain; HLA class I histocompatibility antigen A 2 alpha chain; HLA class I histocompatibility antigen A 24 alpha chain; HLA class I histocompatibility antigen A 3 alpha chain; HLA class I histocompatibility antigen A 30 alpha chain; HLA class I histocompatibility antigen A 32 alpha chain; HLA class I histocompatibility antigen A 68 alpha chain; Major histocompatibility complex class I A; MHC class I heavy chain H2 K; 1A24\_HUMAN.

研究领域： 肿瘤 细胞生物 免疫学 信号转导 转录调节因子 细胞分化 细胞类型标志物

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 Flow-Cyt=3ug/Test （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： 40kDa

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 HLA-A:51-150/365 <Extracellular>

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 :** MHC Class I molecules play a central role in the immune system by presenting peptides derived from the endoplasmic reticulum lumen. MHC class I antigens are heterodimers consisting of one alpha chain (44kDa) with beta 2 microglobulin (11.5 kDa). The antigen is expressed by all somatic cells at varying levels. MHC Class I molecules are expressed on most nucleated cells where they present endogenously synthesized antigenic peptides to CD8+ T lymphocytes, which are usually cytotoxic T cells. Fibroblasts or neurons however only show a low level of antigen.

**Function:**

Involved in the presentation of foreign antigens to the immune system.

**Subunit:**

Heterodimer of an alpha chain and a beta chain (beta-2-microglobulin). Interacts with human herpesvirus 8 MIR1 protein (By similarity).

**Subcellular Location:**

Cell Membrane; Type I membrane protein.

**Post-translational modifications:**

Polyubiquitinated in a post ER compartment by interaction with human herpesvirus 8 MIR1 protein. This targets the protein for rapid degradation via the ubiquitin system (By similarity).

**Similarity:**

Belongs to the MHC class I family.

Contains 1 Ig-like C1-type (immunoglobulin-like) domain.

**SWISS:**

P05534

**Gene ID:**

3105

**Important Note:**

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

产品图片

