

CD28 抗体

产品货号： mIR23338

英文名称： CD28

中文名称： CD28 抗体

别名： CD 28; CD28 antigen; CD28 molecule; MGC138290; T cell antigen CD28; T cell specific surface glycoprotein; T cell specific surface glycoprotein CD28; Tp44.

研究领域： 细胞生物 免疫学 细胞粘附分子 细胞表面分子 淋巴细胞

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

产品应用： WB=1:500-2000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 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：25kDa

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 CD28:21-120/220 <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：Human CD28 antigen is a 44 kDa disulfide linked homodimeric T cell specific surface glycoprotein. It is a cell adhesion molecule of the immunoglobulin superfamily which is constitutively expressed on most

peripheral blood T lymphocytes (approximately 95% of CD4+ cells and 50% of CD8+ cells). Mature thymocytes exhibit higher levels of CD28 than the immature cells. Activation of T cells results in enhanced CD28 expression. T cell activation requires two combined signals provided by antigen presenting cells. The first is mediated via the T cell receptor following its interaction with antigenic peptide MHC complexes, and the second is delivered by accessory or costimulating molecules through their counter receptors on T lymphocytes. CD28 bears structural homology to CTLA 4 which is expressed at very low levels on the surface of CD4+ and CD8+ peripheral blood cells only following activation. CD28 is the natural receptor for the B7/BB 1 ligand (CD80) a 55-60 kDa glycoprotein which is expressed on activated B lymphocytes, on dendritic cells and on interferon gamma treated monocytes. The binding of B7 1/BB 1 molecules to CD28 is involved in T lymphocyte activation and in the initiation and maintenance of chronic inflammation.

Function:

Possibly involved in T-cell activation.

Subunit:

Homodimer; disulfide-linked. Interacts with DUSP14. Binds to CD80/B7-1 and CD86/B7-2/B70.

Subcellular Location:

Membrane; Single-pass type I membrane protein.

Similarity:

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

SWISS:

P10747



Gene ID:

940

Important Note:

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