

综述

可溶性CD40的研究进展

刘慧,张学光

苏州大学医学生物技术研究所, 苏州大学附属第一医院, 江苏 苏州 215006

收稿日期 2006-7-19 修回日期 2007-1-15 网络版发布日期 接受日期

摘要

CD40分子是属于肿瘤坏死因子受体(TNFR)超家族的I型跨膜糖蛋白,可溶性CD40(sCD40)与膜型CD40(mCD40)共存,并具有与CD40L结合的能力,是CD40-CD40L作用的天然拮抗剂。研究显示健康人血清中存在低水平的sCD40,而肾脏疾病、肝脏疾病、血液病、神经系统疾病等患者血液和体液中异常高表达sCD40,且其水平与病程发展和预后有关,具有重要的临床意义。

关键词 [可溶性CD40](#) [CD40配体](#); [特异性酶联免疫吸附实验](#)

分类号

Improvement of soluble CD40

LUI Hui, ZHANG Xue-guang

Medical Biotechnology Institute of Soochow University, First Affiliated Hospital of Soochow University, Suzhou Jiangsu 215006, China

Abstract

CD40, a type I transmembrane glycoprotein, belongs to the tumor necrosis factor receptor (TNFR) superfamily. The soluble form of CD40(sCD40), which co-exists with the membrane-anchored form (mCD40) in vivo, is able to bind membrane CD40L and is viewed as a natural antagonist of mCD40-CD40L interaction. Low levels of circulating sCD40 have been detected in the blood of normal donors and elevated levels of sCD40 have been reported in the serum and body fluid of patients with kidney disease, liver disease, hematologic malignancies, and nerve system disease, and its clinical significances have been demonstrated, such as its values in diagnosis and prognosis of these disease.

Key words [soluble CD40](#) [CD40 ligand](#) [enzyme linked immunosorbent assay](#)

DOI :

通讯作者

作者个人主页

刘慧;张学光

扩展功能

本文信息

- ▶ [Supporting info](#)
- ▶ [PDF\(947KB\)](#)
- ▶ [\[HTML全文\]\(0KB\)](#)
- ▶ [参考文献\[PDF\]](#)
- ▶ [参考文献](#)

服务与反馈

- ▶ [把本文推荐给朋友](#)
- ▶ [加入我的书架](#)
- ▶ [加入引用管理器](#)
- ▶ [复制索引](#)
- ▶ [Email Alert](#)
- ▶ [文章反馈](#)
- ▶ [浏览反馈信息](#)

相关信息

- ▶ [本刊中 包含“可溶性CD40” 的相关文章](#)
- ▶ 本文作者相关文章
 - [刘慧](#)
 - [张学光](#)