

### Anti-COSMC antibody ab68310

★★★★★ [3 Abreviews](#) [2 图像](#)

#### 概述

产品名称	Anti-COSMC抗体
描述	小鼠多克隆抗体to COSMC
宿主	Mouse
特异性	This antibody is reactive against mammalian transfected lysate.
经测试应用	<b>适用于:</b> WB
种属反应性	<b>与反应:</b> Human
免疫原	Recombinant full length protein within Human COSMC. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please <b><a href="#">contact</a></b> our Scientific Support team to discuss your requirements. Database link: <b><a href="#">NP_001011551.1</a></b>

#### 常规说明

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.40 Constituent: 100% PBS
纯度	Protein G purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee      **Abpromise™**承诺保证使用ab68310于以下的经测试应用

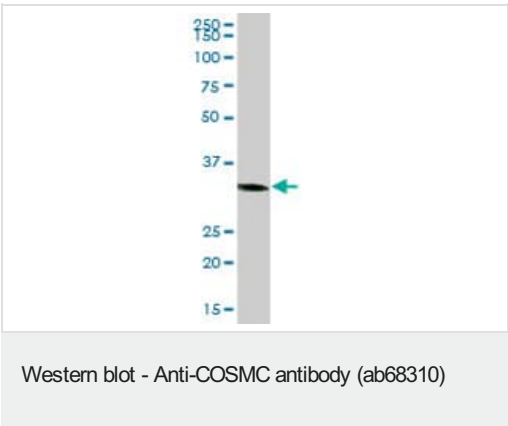
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/1000. Detects a band of approximately 32 kDa (predicted molecular weight: 36 kDa).

靶标

功能	Probable chaperone required for the generation of 1 O-glycan Gal-beta1-3GalNAc-alpha1-Ser/Thr (T antigen), which is a precursor for many extended O-glycans in glycoproteins. Probably acts as a specific molecular chaperone assisting the folding/stability of core 1 beta-3-galactosyltransferase (C1GALT1).
组织特异性	Ubiquitously expressed. Abundantly expressed in salivary gland, stomach, small intestine, kidney, and testis and at intermediate levels in whole brain, cerebellum, spinal cord, thymus, spleen, trachea, lung, pancreas, ovary, and uterus.
疾病相关	Defects in C1GALT1C1 are the cause of Tn syndrome (TNSYN) [MIM:300622]. Tn syndrome is a rare autoimmune disease caused by somatic mutation in the C1GALT1C1 gene in which subpopulations of blood cells of all lineages carry an incompletely glycosylated membrane glycoprotein, i.e. the Tn antigen. Since leukocytes and platelets are affected as well as red cells, anemia, leukopenia and thrombocytopenia are features. Tn-polyagglutinability is sometimes associated with leukemia or is a preleukemic state.
序列相似性	Belongs to the glycosyltransferase 31 family. Beta3-Gal-T subfamily.
细胞定位	Membrane.

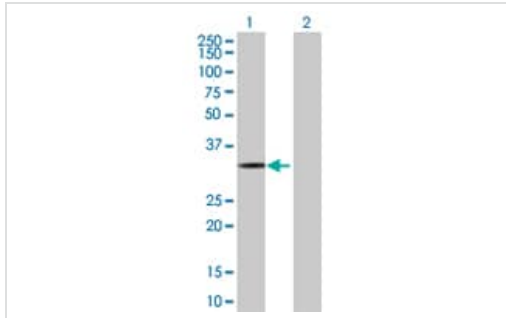
图片



Anti-COSMC antibody (ab68310) at 1/500 dilution + human liver tissue lysate at 25 µg

**Secondary**  
Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/2500 dilution

**Predicted band size:** 36 kDa  
**Observed band size:** 32 kDa



Western blot - Anti-COSMC antibody (ab68310)

**All lanes :** Anti-COSMC antibody (ab68310) at 1/500 dilution

**Lane 1 :** COSMC transfected 293T cell lysate

**Lane 2 :** Non-transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

#### Secondary

**All lanes :** Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/2500 dilution

**Predicted band size:** 36 kDa

**Observed band size:** 32 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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