


Product datasheet

Anti-CD40 antibody ab113701

2 图像

概述

<b>产品名称</b>	Anti-CD40抗体
<b>描述</b>	兔多克隆抗体to CD40
<b>经测试应用</b>	<b>适用于:</b> WB, IHC-P
<b>种属反应性</b>	<b>与反应:</b> Human <b>预测可用于:</b> Macaque monkey, Gorilla 
<b>免疫原</b>	Synthetic peptide conjugated to KLH derived from within residues 50 - 150 of Human CD40. <a href="#">参阅Abcam的专有抗源政策</a>
<b>阳性对照</b>	This antibody gave a positive signal in Human Spleen and Thymus tissue lysates. This antibody gave a positive result in IHC in the following FFPE tissue: Human normal spleen.

性能

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>存储溶液</b>	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS Note: Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.
<b>纯度</b>	Immunogen affinity purified
<b>克隆</b>	多克隆
<b>同种型</b>	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab113701** in the following tested applications.

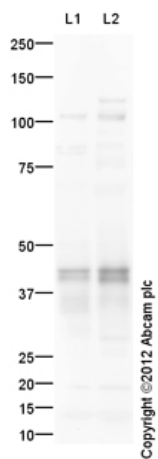
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 43 kDa (predicted molecular weight: 31 kDa).
IHC-P		Use a concentration of 5 µg/ml.

## 靶标

<b>功能</b>	Receptor for TNFSF5/CD40LG.
<b>组织特异性</b>	B-cells and in primary carcinomas.
<b>疾病相关</b>	Defects in CD40 are the cause of hyper-IgM immunodeficiency syndrome type 3 (HIGM3) [MIM:606843]; also known as hyper-IgM syndrome 3. HIGM3 is an autosomal recessive disorder which includes an inability of B cells to undergo isotype switching, one of the final differentiation steps in the humoral immune system, an inability to mount an antibody-specific immune response, and a lack of germinal center formation.
<b>序列相似性</b>	Contains 4 TNFR-Cys repeats.
<b>细胞定位</b>	Secreted and Cell membrane.

## 图片



Western blot - Anti-CD40 antibody (ab113701)

**All lanes** : Anti-CD40 antibody (ab113701) at 1 µg/ml

**Lane 1** : Human spleen tissue lysate - total protein (ab29699)

**Lane 2** : Human thymus tissue lysate - total protein (ab30146)

Lysates/proteins at 10 µg per lane.

### Secondary

Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (ab97080) at 1/5000 dilution

Developed using the ECL technique

Performed under reducing conditions.

**Predicted band size** : 31 kDa

**Observed band size** : 43 kDa

**Additional bands at** : 105 kDa, 41 kDa

(possible cleavage fragment). We are unsure as to the identity of these extra bands.

**Exposure time** : 10 minutes



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD40 antibody (ab113701)

IHC image of CD40 staining in Human normal spleen formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab113701, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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