# abcam

# Product datasheet

# Anti-Carma 1/CARD11 antibody [EPR2557] ab124730



重组 RabMAb

#### 3 图像

#### 概述

产品名称 Anti-Carma 1/CARD11抗体[EPR2557]

描述 兔单克隆抗体[EPR2557] to Carma 1/CARD11

宿主 Rabbit

经测试应用 适用于: WB

不适用于: Flow Cyt,ICC/IF,IHC-P or IP

种属反应性 与反应: Human

不与反应: Mouse, Rat

免疫原 Synthetic peptide within Human Carma 1/CARD11 aa 1100-1200 (C terminal). The exact

sequence is proprietary.

阳性对照 Lysates of: Molt-4, Ramos, Jurkat, K562

常规说明 This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility

- Improved sensitivity and specificity

- Long-term security of supply

- Animal-free production

For more information see here.

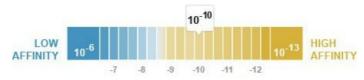
Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb**® **patents**.

## 性能

形式 Liquid

存放说明 Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.

 $K_D = 2.12 \times 10^{-10} M$ 解离常数(KD)



Learn more about K<sub>D</sub>

存储溶液 pH: 7.20 Preservative: 0.05% Sodium azide

Constituents: 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture

supernatant

纯**度** Protein A purified

**克隆** 单克隆

**克隆编号** EPR2557

**同种型** IgG

#### 应用

## The Abpromise guarantee Abpromise™承诺保证使用ab124730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 <b>用</b>	Ab评论	说明
WB		1/1000 - 1/10000. Predicted molecular weight: 133 kDa.

应**用说明** Is unsuitable for Flow Cyt,ICC/IF,IHC-P or IP.

靶标

功能 Involved in the costimulatory signal essential for T-cell receptor (TCR)-mediated T-cell activation.

Its binding to DPP4 induces T-cell proliferation and NF-kappa-B activation in a T-cell

receptor/CD3-dependent manner. Activates NF-kappa-B via BCL10 and IKK. Stimulates the

phosphorylation of BCL10.

组织特异性 Detected in adult peripheral blood leukocytes, thymus, spleen and liver. Also found in

promyelocytic leukemia HL-60 cells, chronic myelogenous leukemia K562 cells, Burkitt's lymphoma Raji cells and colorectal adenocarcinoma SW480 cells. Not detected in HeLa S3,

Molt-4, A549 and G431 cells.

序列相似性 Contains 1 CARD domain.

Contains 1 guanylate kinase-like domain.

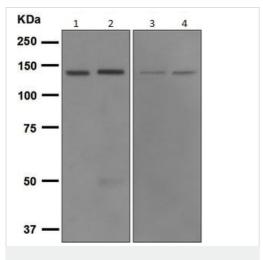
Contains 1 PDZ (DHR) domain.

翻译后修饰 Phosphorylation at Ser-559, Ser-644 and Ser-652 by PRKCBB leads to a shift from an inactive to

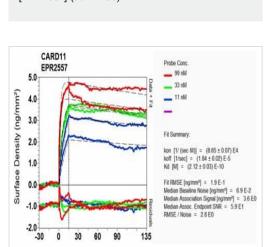
an active form that activates the NF-kappa-B signaling.

细胞定位 Cytoplasm. Membrane raft. Colocalized with DPP4 in membrane rafts.

图片



Western blot - Anti-Carma 1/CARD11 antibody [EPR2557] (ab124730)



OI-RD Scanning - Anti-Carma 1/CARD11 antibody [EPR2557] (ab124730)

Time (min)

**All lanes :** Anti-Carma 1/CARD11 antibody [EPR2557] (ab124730)

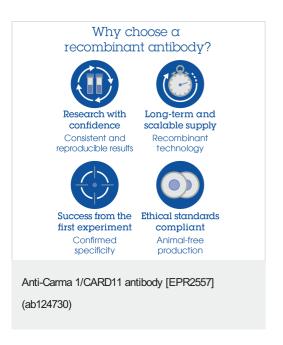
Lane 1 : Molt-4 cell lysate
Lane 2 : Ramos cell lysate
Lane 3 : Jurkat cell lysate
Lane 4 : K562 cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 133 kDa

Equilibrium disassociation constant ( $K_D$ ) Learn more about  $K_D$ 

Click here to learn more about K<sub>D</sub>



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