abcam

Product datasheet

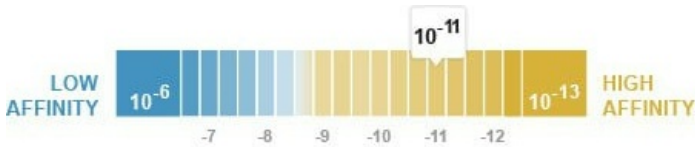# Anti-TAG1/TAX1 antibody [EPR5106] ab133498

重组 RabMAb

3 References　4 图像

概述

产品名称	Anti-TAG1/TAX1抗体[EPR5106]
描述	兔单克隆抗体[EPR5106] to TAG1/TAX1
宿主	Rabbit
经测试应用	**适用于:** Flow Cyt (Intra), WB **不适用于:** IHC-P or IP
种属反应性	**与反应:** Human **预测可用于:** Mouse ⚠
免疫原	Synthetic peptide within Human TAG1/TAX1 aa 1-100. The exact sequence is proprietary.
阳性对照	Fetal brain, Human cerebellum, U87-MG, and SH-SY5Y cell lysates, U87-MG cells.
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**. Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
解离常数 (K_D)	K_D = 3.02 x 10^{-11} M

存储溶液	pH: 7.2 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 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	EPR5106
同种型	IgG

应用

The Abpromise guarantee　　**Abpromise™承诺保证使用ab133498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。**
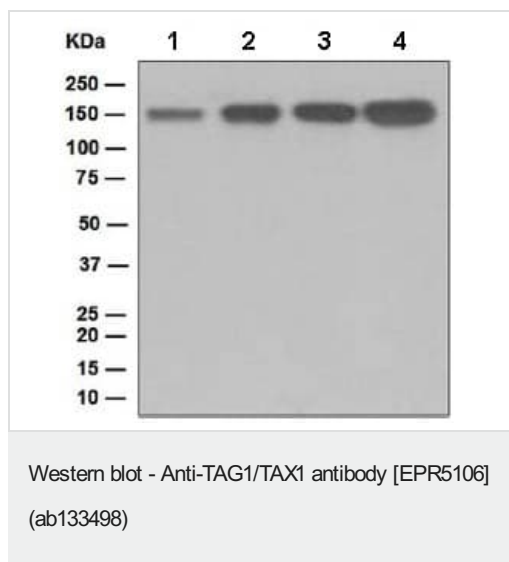
应用	Ab评论	说明
Flow Cyt (Intra)		1/10 - 1/100. **ab172730** - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/10000 - 1/50000. Detects a band of approximately 135 kDa (predicted molecular weight: 113 kDa).

应用说明	Is unsuitable for IHC-P or IP.

靶标

功能	May play a role in the initial growth and guidance of axons. May be involved in cell adhesion.
序列相似性	Belongs to the immunoglobulin superfamily. Contactin family. Contains 4 fibronectin type-III domains. Contains 6 Ig-like C2-type (immunoglobulin-like) domains.
细胞定位	Cell membrane. Attached to the neuronal membrane by a GPI-anchor and is also released from neurons.

图片

Western blot - Anti-TAG1/TAX1 antibody [EPR5106] (ab133498)

All lanes : Anti-TAG1/TAX1 antibody [EPR5106] (ab133498) at 1/10000 dilution

Lane 1 : Fetal brain tissue lysate

Lane 2 : Human cerebellum lysate

Lane 3 : U-87 MG (Human glioblastoma-astrocytoma epithelial cell line) cell lysate
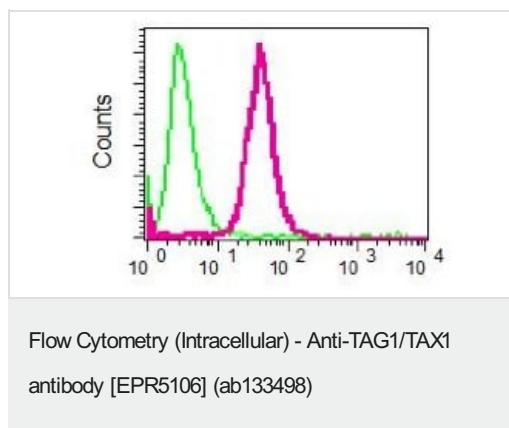
Lane 4 : SH-SY5Y cell lysate

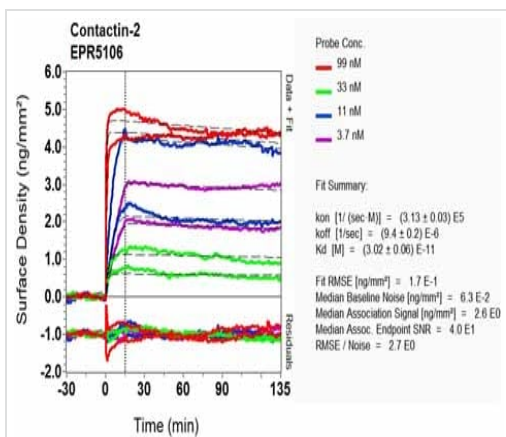Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 113 kDa

Observed band size: 135 kDa

Flow Cytometry (Intracellular) - Anti-TAG1/TAX1 antibody [EPR5106] (ab133498)

Intracellular flow cytometrical analysis of permeablized U87-MG cells using ab133498 at a dilution of 1/10 (red) or a rabbit IgG (negative) (green).

Contactin-2
EPR5106

Probe Conc.
99 nM
33 nM
11 nM
3.7 nM

Fit Summary:

kon [1/ (sec·M)] = (3.13 ± 0.03) E5
koff [1/sec] = (9.4 ± 0.2) E-6
Kd [M] = (3.02 ± 0.06) E-11

Fit RMSE [ng/mm²] = 1.7 E-1
Median Baseline Noise [ng/mm²] = 6.3 E-2
Median Association Signal [ng/mm²] = 2.6 E0
Median Assoc. Endpoint SNR = 4.0 E1
RMSE / Noise = 2.7 E0

OI-RD Scanning - Anti-TAG1/TAX1 antibody
[EPR5106] (ab133498)

Why choose a recombinant antibody?

Research with confidence
Consistent and reproducible results

Long-term and scalable supply
Recombinant technology

Success from the first experiment
Confirmed specificity

Ethical standards compliant
Animal-free production

Anti-TAG1/TAX1 antibody [EPR5106] (ab133498)

Equilibrium disassociation constant (K_D)

Learn more about K_D

Click here to learn more about K_D

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

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