

Anti-Dihydrofolate reductase (DHFR) antibody [EPR5285] ab124814

重组 RabMAb

★★★★★ **1 Abreviews** **8 References** **3 图像**

概述

产品名称	Anti-Dihydrofolate reductase (DHFR)抗体[EPR5285]
描述	兔单克隆抗体[EPR5285] to Dihydrofolate reductase (DHFR)
宿主	Rabbit
特异性	The mouse and rat recommendation is based on the WB results. We do not guarantee IHC-P for mouse and rat.
经测试应用	适用于: WB, IHC-P 不适用于: Flow Cyt or IP
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide within Human Dihydrofolate reductase (DHFR) aa 150-250. The exact sequence is proprietary.
阳性对照	IHC-P: Human endometrial cancer tissue; WB: HeLa, Jurkat, Y79, RAW 264.7 and PC-12 whole cell lysates. Mouse and rat kidney lysates.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - 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.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 0.05% BSA, 40% Glycerol (glycerin, glycerine), 59% PBS

纯度	Protein A purified
克隆	单克隆
克隆编号	EPR5285
同种型	IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab124814 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。

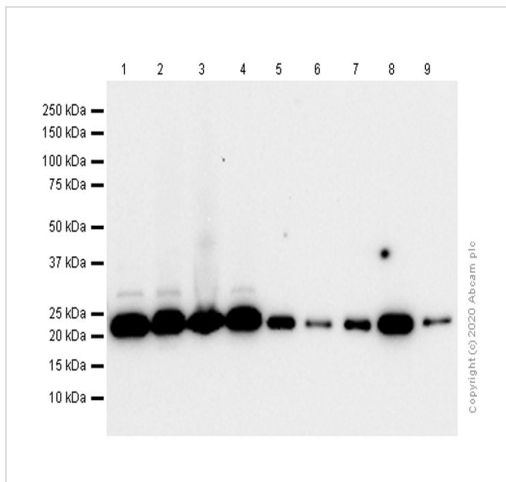
应用	Ab评论	说明
WB	★★★★★ (1)	1/10000 - 1/50000. Predicted molecular weight: 21 kDa.
IHC-P		1/1000. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. (Heat to 98°C, allow to cool for 10-20 minutes) The mouse and rat recommendation is based on the WB results. We do not guarantee IHC-P for mouse and rat.

应用说明 Is unsuitable for Flow Cyt or IP.

靶标

功能	Key enzyme in folate metabolism. Catalyzes an essential reaction for de novo glycine and purine synthesis, and for DNA precursor synthesis.
通路	Cofactor biosynthesis; tetrahydrofolate biosynthesis; 5,6,7,8-tetrahydrofolate from 7,8-dihydrofolate: step 1/1.
序列相似性	Belongs to the dihydrofolate reductase family. Contains 1 DHFR (dihydrofolate reductase) domain.

图片



Western blot - Anti-Dihydrofolate reductase (DHFR) antibody [EPR5285] (ab124814)

Lanes 1-7 : Anti-Dihydrofolate reductase (DHFR) antibody [EPR5285] (ab124814) at 1/10000 dilution (Purified)

Lanes 8-9 : Anti-Dihydrofolate reductase (DHFR) antibody [EPR5285] (ab124814) at 1/10000 dilution

Lane 1 : HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysate

Lane 2 : Jurkat (Human T cell leukemia T lymphocyte) whole cell lysate

Lane 3 : HEK-293 (Human embryonic kidney epithelial cell) whole cell lysate

Lane 4 : Y79 (Human retinoblastoma retinoblastoma) whole cell lysate

Lane 5 : RAW 264.7 (Mouse Abelson murine leukemia virus-induced tumor macrophage) whole cell lysate

Lane 6 : Mouse spleen lysate

Lane 7 : Mouse kidney lysate

Lane 8 : Rat kidney lysate

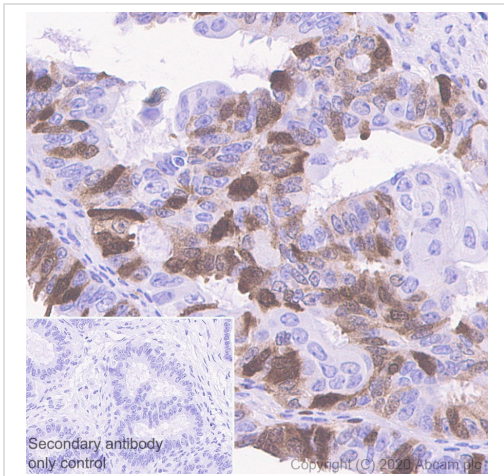
Lane 9 : PC-12 (Rat adrenal gland pheochromocytoma) whole cell lysate

Secondary

Lanes 1-7 : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Lanes 8-9 : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/20000 dilution

Predicted band size: 21 kDa







Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Dihydrofolate reductase (DHFR) antibody [EPR5285] (ab124814)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human endometrial cancer tissue sections labeling Dihydrofolate reductase (DHFR) with purified ab124814 at 1/1000 dilution (0.20 µg/mL). Heat mediated antigen retrieval was performed using Perform heat mediated antigen retrieval using **ab93684** (Tris/EDTA buffer, pH 9.0). Tissue was counterstained with Hematoxylin. Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**) secondary antibody was used at 1/0 dilution. PBS instead of the primary antibody was used as the negative control.

The immunostaining was performed on a Leica Biosystems BOND® RX instrument.

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

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