

Anti-Indoleamine 2, 3-dioxygenase antibody [EPR24032-22]  
ab277522

重组 RabMAb

1 References 4 图像

概述

产品名称	Anti-Indoleamine 2, 3-dioxygenase抗体[EPR24032-22]
描述	兔单克隆抗体[EPR24032-22] to Indoleamine 2, 3-dioxygenase
宿主	Rabbit
经测试应用	适用于: WB, IP 不适用于: Flow Cyt, ICC/IF or IHC-P
种属反应性	与反应: Mouse
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: C2C12 (treated with 50ng/ml IFN-gamma (mouse) for 24 hours) whole cell lysate; Mouse colon tissue lysate. IP: Mouse colon tissue lysate.
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 <a href="#">see here</a> . Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb® patents</a> .

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.01% Sodium azide Constituents: 59.94% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR24032-22

同种型IgG

应用

The Abpromise guarantee      **Abpromise™**承诺保证使用ab277522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		1/1000. Detects a band of approximately 46 kDa (predicted molecular weight: 45 kDa).
IP		1/30.

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

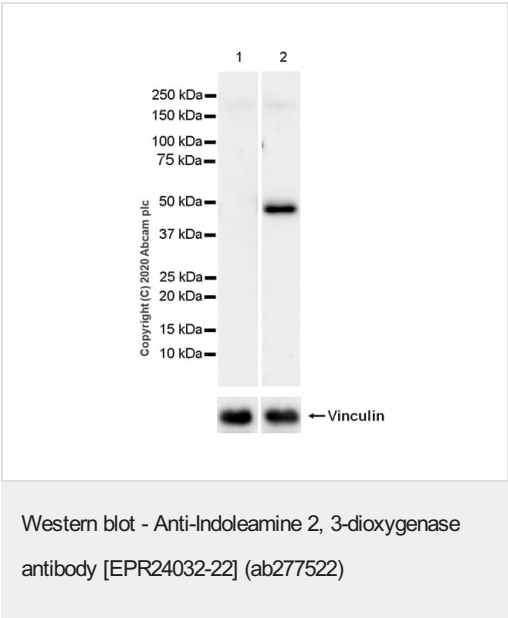
靶标

功能      Catalyzes the cleavage of the pyrrol ring of tryptophan and incorporates both atoms of a molecule of oxygen.

通路      Amino-acid degradation; L-tryptophan degradation via kynurenine pathway; L-kynurenine from L-tryptophan: step 1/2.

序列相似性      Belongs to the indoleamine 2,3-dioxygenase family.

图片



**All lanes :** Anti-Indoleamine 2, 3-dioxygenase antibody [EPR24032-22] (ab277522) at 1/1000 dilution

**Lane 1 :** C2C12 (mouse myoblasts myoblast), whole cell lysate

**Lane 2 :** C2C12 treated with 50ng/ml IFN-gamma (mouse) for 24 hours, whole cell lysate

Lysates/proteins at 20 µg per lane.

**Secondary**

**All lanes :** Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (**ab97051**) at 1/50000 dilution

**Predicted band size:** 45 kDa

**Observed band size:** 46 kDa

Blocking and diluting buffer and concentration: 5% NFDM/TBST.

The expression pattern is consistent with what has been described in the literature (PMID: 30809284; PMID: 19741271).

Exposure time: 26 seconds.



Immunoprecipitation - Anti-Indoleamine 2, 3-dioxygenase antibody [EPR24032-22] (ab277522)

Indoleamine 2,3-dioxygenase was immunoprecipitated from 0.35 mg mouse colon tissue lysate with ab277522 at 1/30 dilution (2µg in 0.35mg lysates). Western blot was performed on the immunoprecipitate using ab277522 at 1/1000 dilution. VeriBlot for IP Detection Reagent (HRP)([ab131366](#)) was used at 1/5000 dilution.

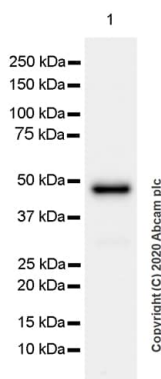
**Lane 1:** Mouse colon tissue lysate 10µg

**Lane 2:** ab277522 IP in mouse colon tissue lysate

**Lane 3:** Rabbit monoclonal IgG ([ab172730](#)) instead of ab277522 in mouse colon tissue lysate

Blocking and dilution buffer and concentration: 5% NFDM/TBST.

Exposure time: 10 seconds.



Western blot - Anti-Indoleamine 2, 3-dioxygenase antibody [EPR24032-22] (ab277522)

Anti-Indoleamine 2, 3-dioxygenase antibody [EPR24032-22] (ab277522) at 1/1000 dilution + Mouse colon tissue lysate at 20 µg

### Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated ([ab97051](#)) at 1/50000 dilution

**Predicted band size:** 45 kDa

**Observed band size:** 46 kDa

Blocking and diluting buffer and concentration: 5% NFDM/TBST.

The expression pattern is consistent with what has been described in the literature (PMID: 19741271).

Exposure time: 5.5 seconds.

### 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-Indoleamine 2, 3-dioxygenase antibody  
[EPR24032-22] (ab277522)

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

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