




### Anti-IDH2 antibody ab177512

#### 4 图像

#### 概述

产品名称	Anti-IDH2抗体
描述	兔多克隆抗体to IDH2
宿主	Rabbit
经测试应用	适用于: IP, WB, ICC, IHC-P
种属反应性	与反应: Mouse, Human 预测可用于: Pig, Chimpanzee, Cynomolgus monkey, Rhesus monkey, Gorilla, Orangutan 
免疫原	Recombinant fragment within Human IDH2 aa 402-452. The exact sequence is proprietary. NP_002159.2 Sequence: CVETVESGAMTKDLAGCIHGLSNVKLNEHFLNTTDFLDTIKS NLDRALGR Q  Database link: <a href="#">P48735</a> <div>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a> </div>
阳性对照	WB: Whole cell lysate from 293T, HeLa, Jurkat, mouse TCMK-1 and NIH3T3 cells. IHC: Mouse renal cell carcinoma. ICC: HeLa cells.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### 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	pH: 7 Preservative: 0.09% Sodium azide Constituent: 99% Tris citrate/phosphate

	pH 7 - 8
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab177512于以下的经测试应用

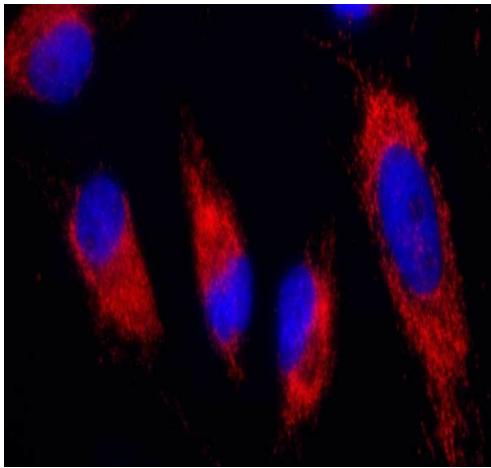
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IP		Use at 2-10 µg/mg of lysate.
WB		1/1000 - 1/5000. Predicted molecular weight: 51 kDa.
ICC		Use a concentration of 1 µg/ml.
IHC-P		Use a concentration of 1 µg/ml.

靶标

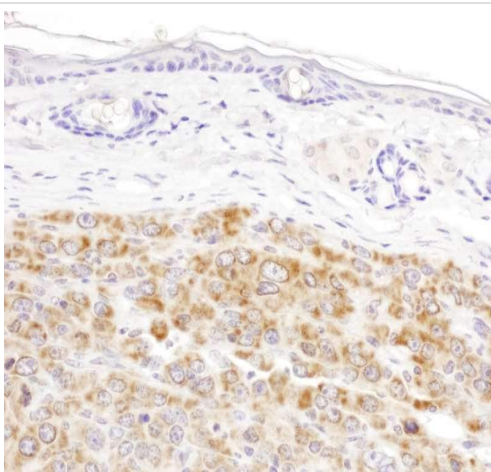
功能	Plays a role in intermediary metabolism and energy production. It may tightly associate or interact with the pyruvate dehydrogenase complex.
疾病相关	D-2-hydroxyglutaric aciduria 2 Glioma enetic variations are associated with cartilaginous tumors such as enchondroma or chondrosarcoma.
序列相似性	Belongs to the isocitrate and isopropylmalate dehydrogenases family.
翻译后修饰	Acetylation at Lys-413 dramatically reduces catalytic activity. Deacetylated by SIRT3.
细胞定位	Mitochondrion.

图片



Immunocytochemistry - Anti-IDH2 antibody  
(ab177512)

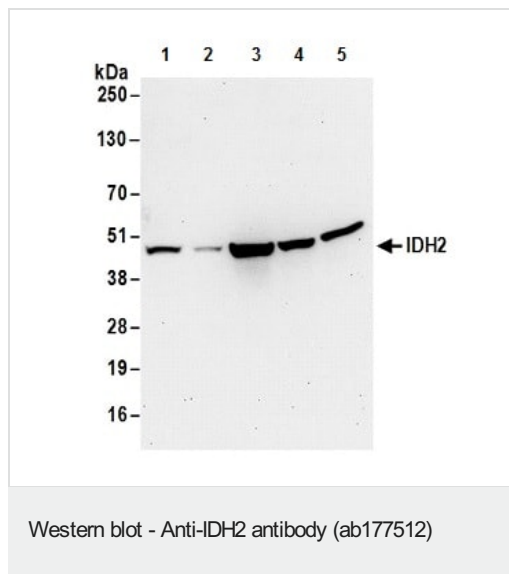
Immunocytochemistry analysis of HeLa cells labelling IDH2 with ab177512 at 1 µg/mL. Red-fluorescent goat anti-rabbit IgG-heavy and light chain cross-adsorbed Antibody DyLight® 594 Conjugated was used as a secondary antibody at a 1/100 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IDH2 antibody  
(ab177512)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of mouse renal cell carcinoma tissue labelling IDH2 with ab177512 at 1 µg/mL.

*Detection:* DAB



**All lanes :** Anti-IDH2 antibody (ab177512) at 0.4 µg/ml

**Lane 1 :** Whole cell lysate from 293T cells

**Lane 2 :** Whole cell lysate from HeLa cells

**Lane 3 :** Whole cell lysate from Jurkat cells

**Lane 4 :** Whole cell lysate from TCMK-1 cells

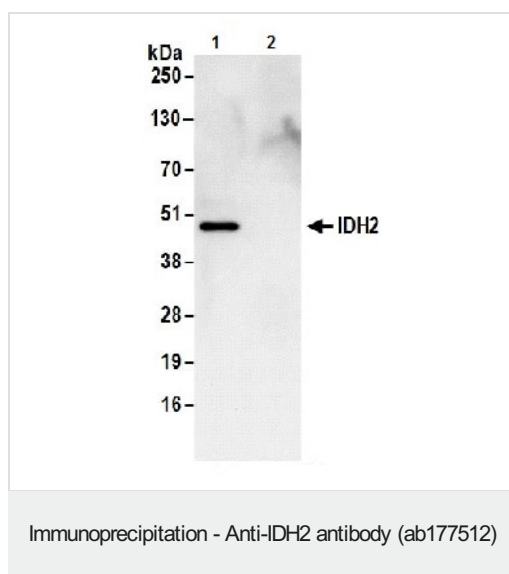
**Lane 5 :** Whole cell lysate from NIH3T3 cells

Lysates/proteins at 50 µg per lane.

Developed using the ECL technique.

**Predicted band size:** 51 kDa

**Exposure time:** 30 seconds



Lane 1: ab177512 at 1µg/ml labeling IDH2 in 293T whole cell lysate immunoprecipitated using ab177512 at 6µg/mg lysate (1 mg/IP; 20% of IP loaded/lane).

Lane 2: Control IgG

Detection: Chemiluminescence with exposure time of 10 seconds.

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

### Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

#### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors