

Anti-IDH2 (mutated R172K) antibody [R511-KMab-1] ab264052

リコンビナント

2 References [画像数 3](#)

製品の概要

製品名	Anti-IDH2 (mutated R172K) antibody [R511-KMab-1]
製品の詳細	Rat monoclonal [R511-KMab-1] to IDH2 (mutated R172K)
由来種	Rat
アプリケーション	適用あり: Indirect ELISA, WB
種交差性	交差種: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: His-tagged human IDH2 mutated R172K (aa40-452) recombinant protein.
特記事項	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 .

製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	Preservative: 0.01% Sodium azide Constituents: 59% PBS, 0.05% BSA, 40% Glycerol (glycerin, glycerine)
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	R511-KMab-1
アイソタイプ	IgG2b
軽鎖の種類	kappa

アプリケーション

The Abpromise guarantee

Abpromise保証は、次のテスト済みアプリケーションにおけるab264052の使用に適用されます

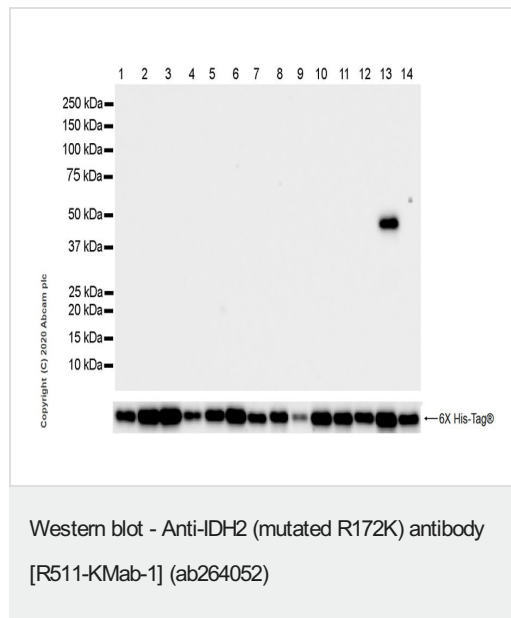
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Indirect ELISA		Use at an assay dependent concentration. Use at 312.5 ng /ml.
WB		1/1000. Predicted molecular weight: 50 kDa.

ターゲット情報

機能	Plays a role in intermediary metabolism and energy production. It may tightly associate or interact with the pyruvate dehydrogenase complex.
関連疾患	D-2-hydroxyglutaric aciduria 2 Glioma Genetic variations are associated with cartilaginous tumors such as enchondroma or chondrosarcoma.
配列類似性	Belongs to the isocitrate and isopropylmalate dehydrogenases family.
翻訳後修飾	Acetylation at Lys-413 dramatically reduces catalytic activity. Deacetylated by SIRT3.
細胞内局在	Mitochondrion.

画像



ab264052 used at 1/1000 dilution (0.805 µg/ml).

Secondary used: Goat Anti-Rat IgG (H+L), HRP) ([ab205720](#)) at 1/10,000 dilution.

Blocking/Dilution buffer: 5% NFDm/TBST.

The loading samples are E.coli extracts containing recombinant protein respectively.

Lane 1: His-tagged human IDH1 (aa1-414) recombinant protein 10ng

Lane 2: His-tagged human IDH1 mutated R132H (aa1-414) recombinant protein 10ng

Lane 3: His-tagged human IDH1 mutated R132G (aa1-414) recombinant protein 10ng

Lane 4: His-tagged human IDH1 mutated R132L (aa1-414) recombinant protein 10ng

Lane 5: His-tagged human IDH1 mutated R132S (aa1-414) recombinant protein 10ng

Lane 6: His-tagged human IDH1 mutated R132V (aa1-414) recombinant protein 10ng

Lane 7: His-tagged human IDH1 mutated R132C (aa1-414)
recombinant protein 10ng

Lane 8: His-tagged human IDH2 (aa40-452) recombinant protein
10ng

Lane 9: His-tagged human IDH2 mutated R172M (aa40-452)
recombinant protein 10ng

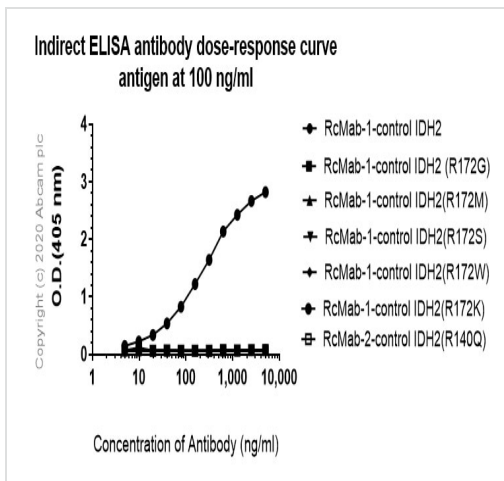
Lane 10: His-tagged human IDH2 mutated R172S (aa40-452)
recombinant protein 10ng

Lane 11: His-tagged human IDH2 mutated R172G (aa40-452)
recombinant protein 10ng

Lane 12: His-tagged human IDH2 mutated R172W (aa40-452)
recombinant protein 10ng

Lane 13: His-tagged human IDH2 mutated R172K (aa40-452)
recombinant protein 10ng

Lane 14: His-tagged human IDH2 mutated R140Q (aa40-452)
recombinant protein 10ng



Indirect ELISA - Anti-IDH2 (mutated R172K)
antibody [R511-KMab-1] (ab264052)

ab264052 used at 0-5000 ng/ml.

Antigen (IDH2, IDH2(R172G), IDH2(R172M), IDH2(R172S),
IDH2(R172W), IDH2(R172K), IDH2(R140Q)) used at 100 ng/ml.

Secondary Alkaline Phosphatase-conjugated AffiniPure Goat Anti-
Rat IgG (H+L) used at a 1/1000 dilution.

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-IDH2 (mutated R172K) antibody [R511-KMab-1]
(ab264052)

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

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