

Anti-IDH2 (mutated R172K) antibody [KMab-1] - BSA and Azide free ab264060

リコンビナント

画像数 3

製品の概要

製品名	Anti-IDH2 (mutated R172K) antibody [KMab-1] - BSA and Azide free
製品の詳細	Rat monoclonal [KMab-1] to IDH2 (mutated R172K) - BSA and Azide free
由来種	Rat
アプリケーション	適用あり: WB, Indirect ELISA
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	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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 <p>For more information see here.</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Do Not Freeze.
バッファー	Constituent: 100% PBS
キャリア・フリー	はい
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	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ab264060の使用に適用されます

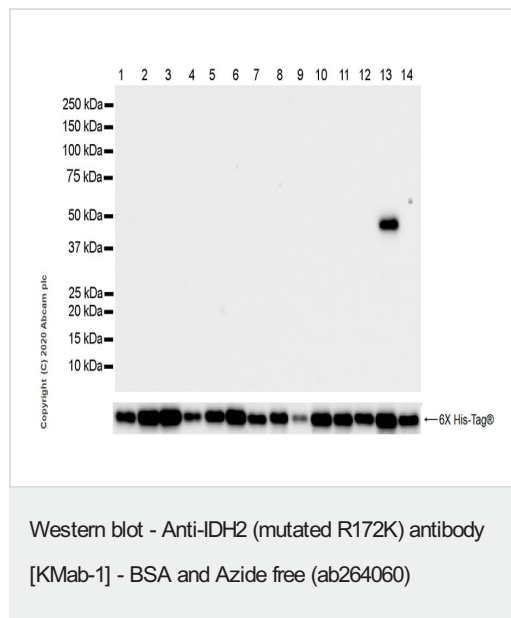
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

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

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



This data was produced using **ab264052**, the same clone in a different formulation.

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

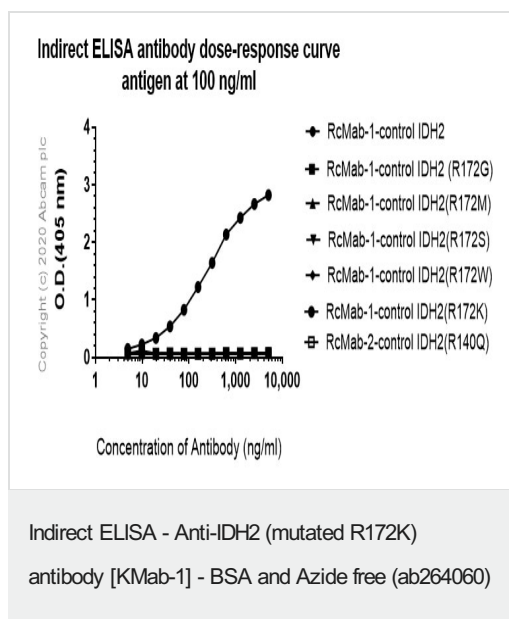
Lane 10: His-tagged human IDH2 mutated R172S (aa40-452)
recombinant protein 10ng

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



This data was produced using [ab264052](#), the same clone in a different formulation.

[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 [KMab-1] -
BSA and Azide free (ab264060)

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

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