

Anti-IDH1 (mutated R132G) + IDH2 (mutated R172G) antibody [MsMab-1] ab264055

リコンビナント

2 References 画像数 4

製品の概要

製品名	Anti-IDH1 (mutated R132G) + IDH2 (mutated R172G) antibody [MsMab-1]
製品の詳細	Mouse monoclonal [MsMab-1] to IDH1 (mutated R132G) + IDH2 (mutated R172G)
由来種	Mouse
特異性	The antibody also showed the cross reactivity with other mutants of IDH1 and IDH2.
アプリケーション	適用あり: WB, 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 IDH1 mutated R132G (aa1-414), His-tagged human IDH2 mutated R172G (aa40-452), His-tagged human IDH1 mutated R132H (aa1-414), His-tagged human IDH1 mutated R132S (aa1-414), His-tagged human IDH2 mutated R172S (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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
バッファー	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
精製度	Protein A purified
ポリ/モノ	モノクローナル

クローン名	MsMab-1
アイソタイプ	IgG2a

アプリケーション

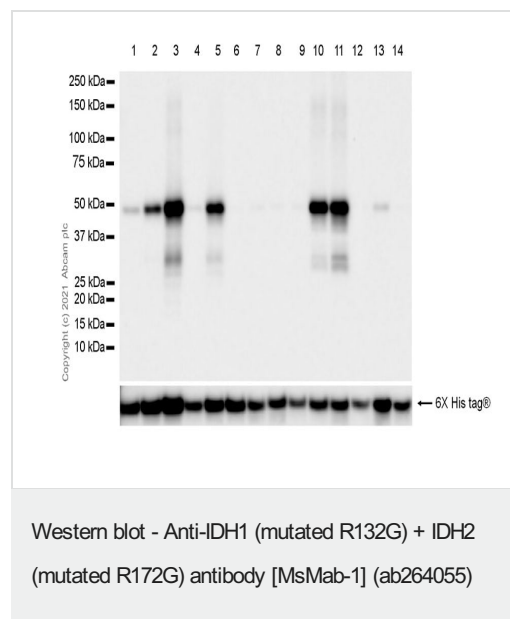
The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab264055の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB		1/1000.
ELISA		Use a concentration of 0.25 µg/ml.

ターゲット情報

細胞内局在 IDH1: Cytoplasm. Peroxisome. IDH2: Mitochondrion.

画像



All lanes : Anti-IDH1 (mutated R132G) + IDH2 (mutated R172G) antibody [MsMab-1] (ab264055) at 1/1000 dilution

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Lysates/proteins at 0.01 µg per lane.

Secondary

All lanes : Peroxidase-Conjugated Goat anti-Mouse IgG (H+L) at 1/10000 dilution

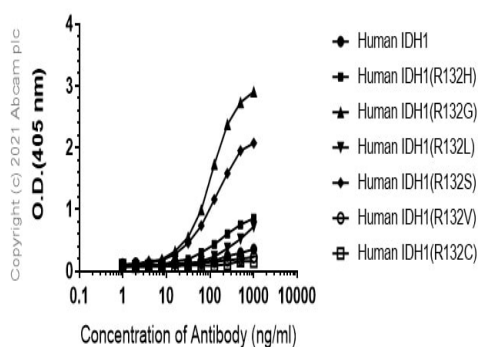
Observed band size: 46 kDa

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

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

Exposure time: 10 seconds

Indirect ELISA antibody dose-response curve
antigen at 50 ng/ml



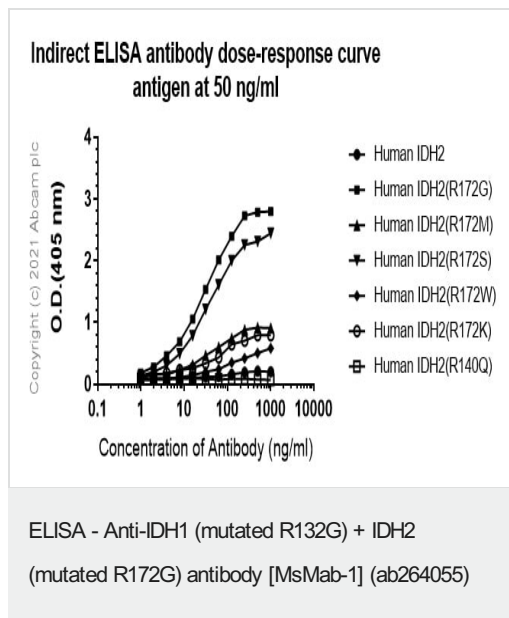
ELISA - Anti-IDH1 (mutated R132G) + IDH2
(mutated R172G) antibody [MsMab-1] (ab264055)

Antigen: Human IDH1, Human IDH1(R132H), Human IDH1(R132G), Human IDH1(R132L), Human IDH1(R132S), Human IDH1(R132V), Human IDH1(R132C)).

Antigen concentration: 50 ng/ml.

ab264055 used at 0 - 1000 ng/ml.

Alkaline Phosphatase-conjugated AffiniPure Goat Anti-Mouse IgG (H+L) secondary antibody was used at 1:1000 dilution.



Antigen: Human IDH2, Human IDH2(R172G), Human IDH2(R172M), Human IDH2(R172S), Human IDH2(R172W), Human IDH2(R172K), Human IDH2(R140Q).

Antigen concentration: 50 ng/ml.

ab264055 used at 0 - 1000 ng/ml.

Alkaline Phosphatase-conjugated AffiniPure Goat Anti-Mouse IgG (H+L) secondary antibody was used at 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

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