

Anti-MYH2 antibody [EPR5280] - BSA and Azide free ab248064

リコンビナント **RabMAb**

画像数 4

製品の概要

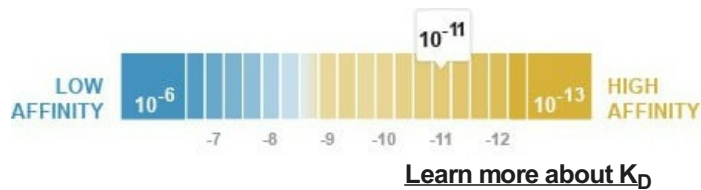
製品名	Anti-MYH2 antibody [EPR5280] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR5280] to MYH2 - BSA and Azide free
由来種	Rabbit
アプリケーション	適用あり: WB 適用なし: IHC-P or IP
種交差性	交差種: Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
特記事項	<p>ab248064 is the carrier-free version of ab124937.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <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> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</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.

解離定数 (K_D 値) K_D = 6.90 x 10⁻¹¹ M



バッファー pH: 7.2
Constituent: 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 EPR5280

アイソタイプ IgG

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ab248064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. Detects a band of approximately 220 kDa (predicted molecular weight: 223 kDa).

追加情報 Is unsuitable for IHC-P or IP.

ターゲット情報

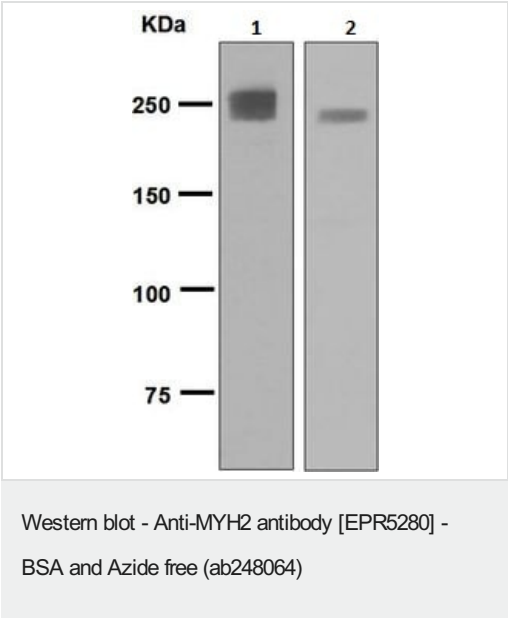
機能 Muscle contraction. Required for cytoskeleton organization.

関連疾患 Defects in MYH2 are the cause of inclusion body myopathy type 3 (IBM3) [MIM:605637]. Hereditary inclusion body myopathies constitute a group of neuromuscular disorders characterized by slowly progressive distal and proximal weakness and a typical muscle pathology including rimmed vacuoles and filamentous inclusions. IBM3 is a variant of hereditary inclusion body myopathies and is characterized by autosomal dominant myopathy with joint contracture, ophthalmoplegia and rimmed vacuoles. Morphological analysis of muscle biopsies from patients indicate that the type 2A fibers frequently were abnormal, whereas other fiber types appeared normal.

配列類似性 Contains 1 IQ domain.
Contains 1 myosin head-like domain.

ドメイン The rodlike tail sequence is highly repetitive, showing cycles of a 28-residue repeat pattern composed of 4 heptapeptides, characteristic for alpha-helical coiled coils. Each myosin heavy chain can be split into 1 light meromyosin (LMM) and 1 heavy meromyosin (HMM). It can later be split further into 2 globular subfragments (S1) and 1 rod-shaped subfragment (S2).

画像



All lanes : Anti-MYH2 antibody [EPR5280] ([ab124937](#)) at 1/10000 dilution

Lane 1 : Mouse muscle tissue lysate

Lane 2 : Rat muscle tissue lysate

Lysates/proteins at 10 µg per lane.

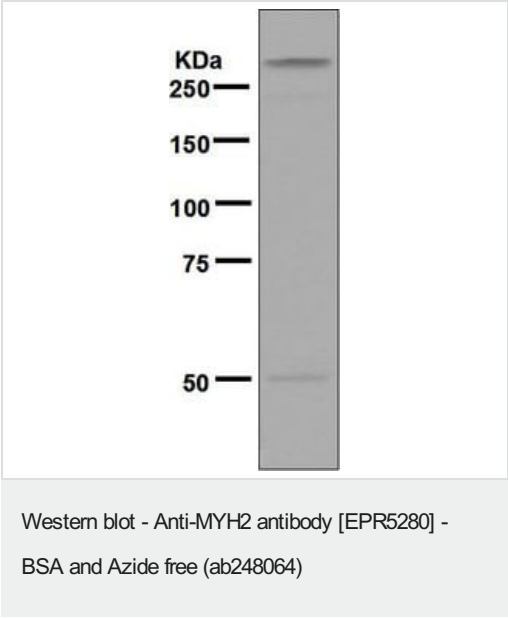
Secondary

All lanes : HRP labelled Goat anti Rabbit IgG at 1/2000 dilution

Predicted band size: 223 kDa

Observed band size: 220 kDa

This data was developed using [ab124937](#), the same antibody clone in a different buffer formulation.



Anti-MYH2 antibody [EPR5280] ([ab124937](#)) at 1/10000 dilution + Human trachea lysate at 10 µg

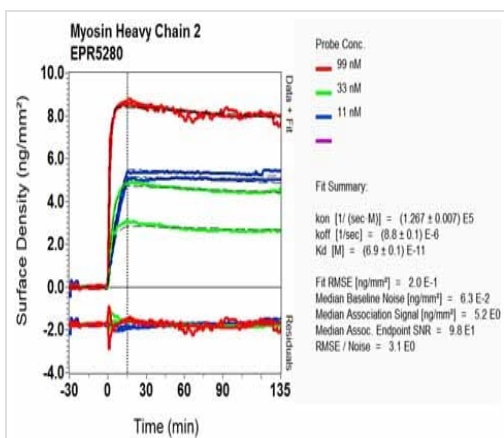
Secondary

HRP labelled Goat anti Rabbit IgG at 1/2000 dilution

Predicted band size: 223 kDa

Observed band size: 220 kDa

This data was developed using [ab124937](#), the same antibody clone in a different buffer formulation.



SPR Scanning - Anti-MYH2 antibody [EPR5280] -
BSA and Azide free (ab248064)

This data was developed using [ab124937](#), the same antibody clone in a different buffer formulation. Equilibrium dissociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

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-MYH2 antibody [EPR5280] - BSA and Azide free (ab248064)

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

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