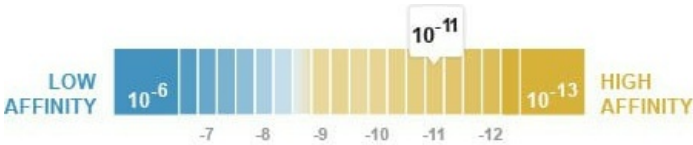


Anti-MYH2 antibody [EPR5280] ab124937

重组 RabMAb

7 References 4 图像

概述	
产品名称	Anti-MYH2抗体[EPR5280]
描述	兔单克隆抗体[EPR5280] to MYH2
宿主	Rabbit
经测试应用	适用于: WB 不适用于: IHC-P or IP
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide within Human MYH2 aa 50-150. The exact sequence is proprietary.
阳性对照	Mouse muscle, Rat muscle and Human trachea lysates
常规说明	<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>
性能	
形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
解离常数 (K _D)	<p>K_D = 6.90 x 10⁻¹¹ M</p>  <p>Learn more about K_D</p>
存储溶液	<p>pH: 7.2</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture</p>

	supernatant
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR5280
同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab124937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
WB		1/10000 - 1/50000. Detects a band of approximately 220 kDa (predicted molecular weight: 223 kDa).

应用说明 Is unsuitable for IHC-P or IP.

靶标

功能	Muscle contraction. Required for cytoskeleton organization.
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疾病相关

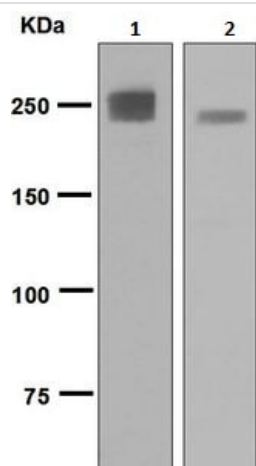
Defects in MYH2 are the cause of inclusion body myopathy type 3 (IBM3) [MIM:605637]. Hereditary inclusion body myopathies constitute a group of neuromuscular disorders characterized by slowly progressive distal and proximal weakness and a typical muscle pathology including rimmed vacuoles and filamentous 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.

序列相似性 Contains 1 IQ domain.
Contains 1 myosin head-like domain.

结构域 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).

细胞定位 Cytoplasm > myofibril. Thick filaments of the myofibrils.

图片



Western blot - Anti-MYH2 antibody [EPR5280]
(ab124937)

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

Lane 1 : Mouse muscle tissue lysate

Lane 2 : Rat muscle tissue lysate

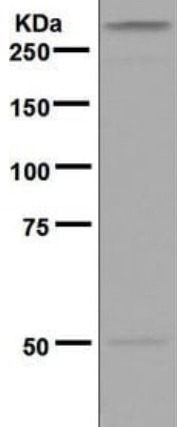
Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 223 kDa

Observed band size: 220 kDa



Western blot - Anti-MYH2 antibody [EPR5280]
(ab124937)

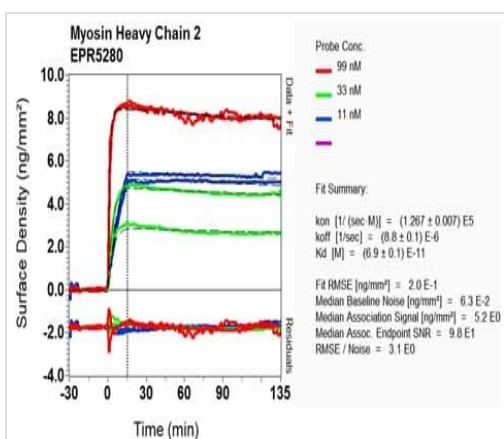
Anti-MYH2 antibody [EPR5280] (ab124937) at 1/10000 dilution +
Human trachea lysate at 10 µg

Secondary

HRP labelled Goat anti Rabbit IgG at 1/2000 dilution

Predicted band size: 223 kDa

Observed band size: 220 kDa



OI-RD Scanning - Anti-MYH2 antibody [EPR5280]
 (ab124937)

Equilibrium disassociation 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] (ab124937)

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