

Anti-p60 katanin antibody [EPR5071] - BSA and Azide free ab247943

リコンビナント RabMAb

画像数 3

製品の概要

製品名	Anti-p60 katanin antibody [EPR5071] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR5071] to p60 katanin - BSA and Azide free
由来種	Rabbit
アプリケーション	適用あり: WB, ICC/IF 適用なし: Flow Cyt, IHC-P or IP
種交差性	交差種: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
特記事項	<p>ab247943 is the carrier-free version of ab111881.</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> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with</p>

these species. Please contact us for more information.

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	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	EPR5071
アイソタイプ	IgG

アプリケーション

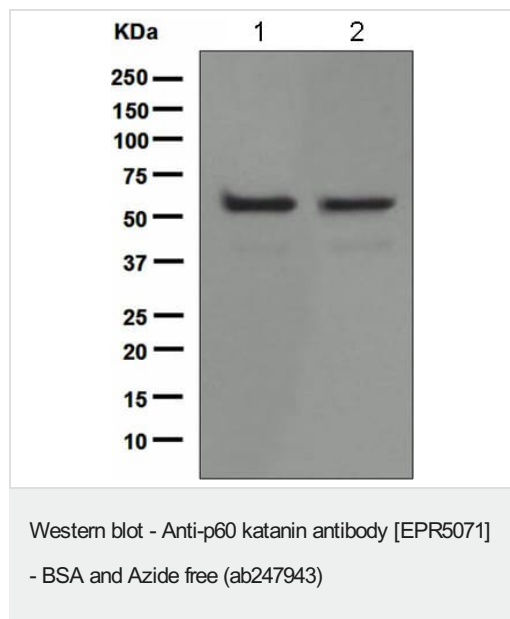
The Abpromise guarantee **Abpromise保証は、**次のテスト済みアプリケーションにおけるab247943の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent concentration. Predicted molecular weight: 56 kDa.
ICC/IF		Use at an assay dependent concentration.

追加情報 Is unsuitable for Flow Cyt, IHC-P or IP.

ターゲット情報

機能	Severs microtubules in vitro in an ATP-dependent manner. This activity may promote rapid reorganization of cellular microtubule arrays, such as during disassembly of interphase microtubules at the G2-M transition. May also be required for microtubule release from the centrosome after nucleation. In mitotic spindles this could allow depolymerization of the microtubule end proximal to the centrosome, and subsequent poleward microtubule flux. In neurons, microtubule release within the cell body may allow their subsequent transport into neuronal processes by microtubule dependent motor proteins. This transport is required for axonal growth.
配列類似性	Belongs to the AAA ATPase family.
ドメイン	The N-terminus is sufficient for interaction with microtubules, although high affinity binding requires an intact C-terminal domain and ATP, which promotes oligomerization.
細胞内局在	Cytoplasm. Cytoplasm > cytoskeleton > centrosome. Cytoplasm > cytoskeleton > spindle pole. Predominantly cytoplasmic. Also localized to the interphase centrosome. Enhanced recruitment to the mitotic spindle poles requires microtubules and interaction with KATNB1.



All lanes : Anti-p60 katanin antibody [EPR5071] ([ab111881](#)) at 1/1000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : HepG2 cell lysate

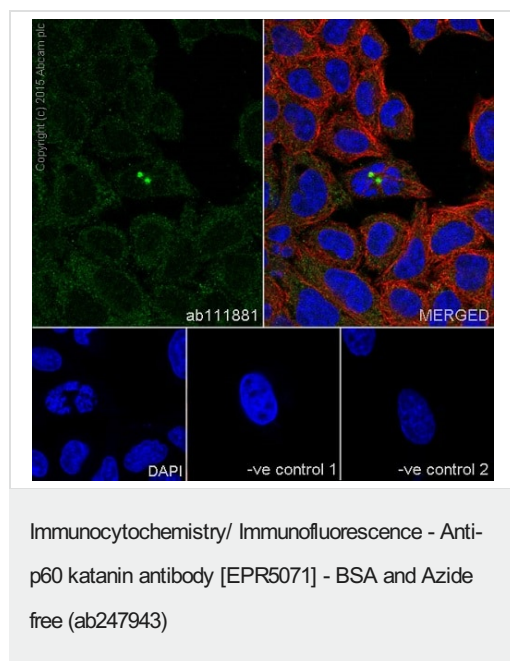
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 56 kDa

This data was developed using [ab111881](#), the same antibody clone in a different buffer formulation.



This data was developed using [ab111881](#), the same antibody clone in a different buffer formulation. Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HeLa (Human epithelial cells from cervix adenocarcinoma) cells labeling p60 katanin with [ab111881](#) at 1/100 dilution, followed by Goat anti-rabbit IgG (Alexa Fluor® 488) ([ab150077](#)) secondary antibody at 1/1000 dilution (green). Confocal image showing staining on the centrosome of Hela cells. The nuclear counterstain is DAPI (blue). Tubulin is detected with [ab7291](#) (anti-Tubulin mouse mAb) at 1/1000 dilution and [ab150120](#) (AlexaFluor®594 Goat anti-Mouse secondary) at 1/1000 dilution (red). The negative controls are as follows:- -ve control 1: [ab111881](#) at 1/100 dilution followed by [ab150120](#) (AlexaFluor®594 Goat anti-Mouse secondary) at 1/1000 dilution. -ve control 2: [ab7291](#) (anti-Tubulin mouse mAb) at 1/1000 dilution followed by [ab150077](#) (Alexa Fluor®488 Goat Anti-Rabbit IgG H&L) 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

Anti-p60 katanin antibody [EPR5071] - BSA and Azide free (ab247943)

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

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