

Anti-Nucleoside phosphorylase antibody [EPR5715] - BSA and Azide free ab247867

KO 評価済 リコンビナント RabMAb

画像数 2

製品の概要

製品名	Anti-Nucleoside phosphorylase antibody [EPR5715] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR5715] to Nucleoside phosphorylase - BSA and Azide free
由来種	Rabbit
アプリケーション	適用あり: ICC/IF, WB 適用なし: 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.
ポジティブ・コントロール	WB: HeLa and Jurkat cell lysates.
特記事項	<p>ab247867 is the carrier-free version of ab109447.</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>

Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

製品の特性

製品の状態

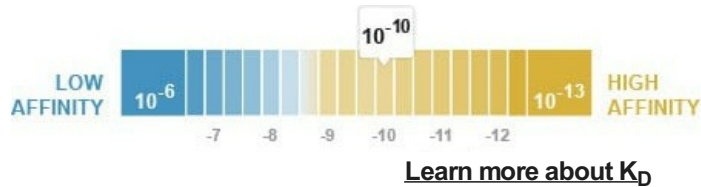
Liquid

保存方法

Shipped at 4°C. Store at +4°C. Do Not Freeze.

解離定数 (K_D 値)

$K_D = 1.76 \times 10^{-10}$ 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

EPR5715

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ab247867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
ICC/IF		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 31 kDa (predicted molecular weight: 32 kDa).

追加情報

Is unsuitable for IHC-P or IP.

ターゲット情報

関連疾患

Defects in PNP are the cause of purine nucleoside phosphorylase deficiency (PNP deficiency) [MIM:613179]. It leads to a severe T-cell immunodeficiency with neurologic disorder in children.

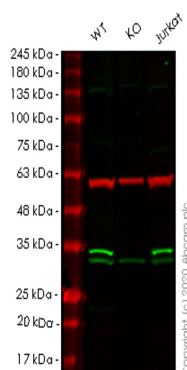
配列類似性

Belongs to the PNP/MTAP phosphorylase family.

細胞内局在

Cytoplasm > cytoskeleton.

画像



Western blot - Anti-Nucleoside phosphorylase antibody [EPR5715] - BSA and Azide free (ab247867)

All lanes : Anti-Nucleoside phosphorylase antibody [EPR5715] ([ab109447](#)) at 1/1000 dilution

Lane 1 : Wild-type HeLa cell lysate

Lane 2 : PNP knockout HeLa cell lysate

Lane 3 : Jurkat cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed ([ab216773](#)) at 1/10000 dilution

Predicted band size: 32 kDa

Observed band size: 31 kDa

This data was developed using the same antibody clone in a different buffer formulation ([ab109447](#)).

Lanes 1-3: Merged signal (red and green). Green - [ab109447](#) observed at 31 kDa. Red - loading control [ab7291](#) observed at 50 kDa.

[ab109447](#) Anti-Nucleoside phosphorylase antibody [EPR5715] was shown to specifically react with Nucleoside phosphorylase in wild-type HeLa cells. Loss of signal was observed when knockout cell line [ab266158](#) (knockout cell lysate [ab257594](#)) was used. Wild-type and Nucleoside phosphorylase knockout samples were subjected to SDS-PAGE. [ab109447](#) and Anti-alpha Tubulin antibody [DM1A] - Loading Control ([ab7291](#)) were incubated at room temperature for 2.5 hours at 1 in 1000 dilution and 1 in 20000 dilution respectively. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed ([ab216773](#)) and Goat anti-Mouse IgG H&L (IRDye® 680RD) preadsorbed ([ab216776](#)) secondary antibodies at 1 in 20000 dilution for 1 hour at room temperature before imaging.

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-Nucleoside phosphorylase antibody [EPR5715]

- BSA and Azide free (ab247867)

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

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