

Anti-Nucleoside phosphorylase antibody [EPR5714] ab109559

KO 評価済 リコンビナント RabMAb

1 References [画像数 3](#)

製品の概要

製品名	Anti-Nucleoside phosphorylase antibody [EPR5714]
製品の詳細	Rabbit monoclonal [EPR5714] to Nucleoside phosphorylase
由来種	Rabbit
アプリケーション	適用あり: WB 適用なし: Flow Cyt, ICC/IF or IHC-P
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: Jurkat, JAR, 293T and HeLa cell lysate.
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents . 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 -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
精製度	Protein A purified
ポリ/モノ	モノクローナル

クローン名 EPR5714
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ab109559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。

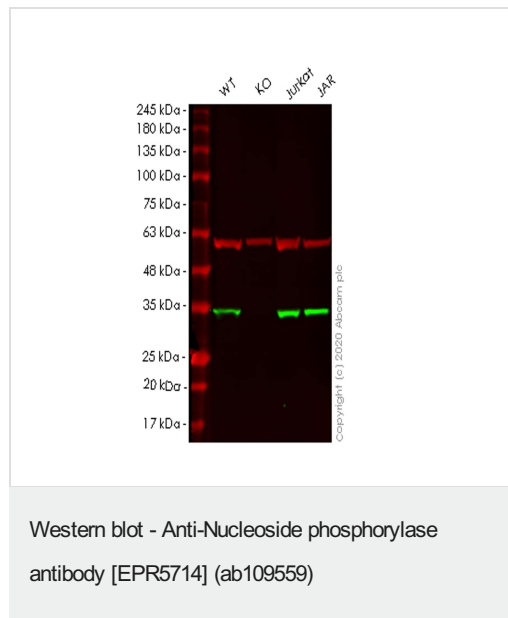
アプリケーション	Abreviews	特記事項
WB		1/10000 - 1/50000. Predicted molecular weight: 32 kDa.

追加情報 Is unsuitable for Flow Cyt, ICC/IF or IHC-P.

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



All lanes : Anti-Nucleoside phosphorylase antibody [EPR5714] (ab109559) at 1/1000 dilution

Lane 1 : Wild-type HeLa cell lysate
Lane 2 : PNP knockout HeLa cell lysate
Lane 3 : Jurkat cell lysate
Lane 4 : JAR 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

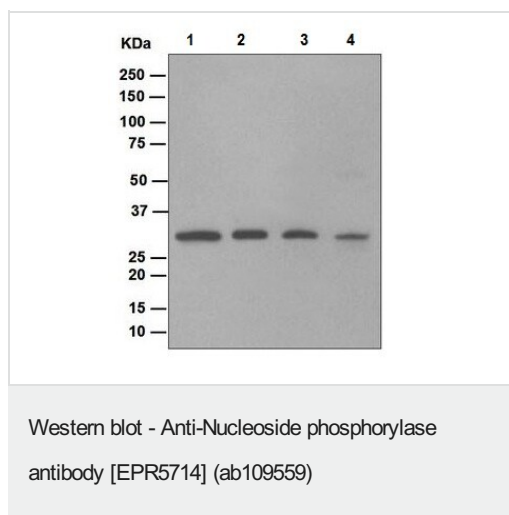
Predicted band size: 32 kDa

Observed band size: 31 kDa

Lanes 1-4: Merged signal (red and green). Green - ab109559 observed at 31 kDa. Red - loading control **ab7291** observed at 50

kDa.

ab109559 Anti-Nucleoside phosphorylase antibody [EPR5714] 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. ab109559 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.



All lanes : Anti-Nucleoside phosphorylase antibody [EPR5714] (ab109559) at 1/10000 dilution

Lane 1 : Jurkat cell lysate

Lane 2 : JAR cell lysate

Lane 3 : 293T cell lysate

Lane 4 : HeLa cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 32 kDa

Why choose a recombinant antibody?

The infographic consists of four circular icons arranged in a 2x2 grid. Each icon contains a symbol representing a benefit: 1. Two test tubes with a circular arrow around them. 2. A pocket watch. 3. A target symbol with a crosshair. 4. Two overlapping circles representing cells.

- 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 [EPR5714] (ab109559)

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

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