

Anti-Nucleoside phosphorylase antibody [EPR5714] - BSA and Azide free ab247907

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 [EPR5714] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR5714] to Nucleoside phosphorylase - 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: 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: HeLa, Jurkat and JAR cell lysate.
特記事項	<p>ab247907 is the carrier-free version of ab109559.</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>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</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.

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	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ab247907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: 32 kDa.

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

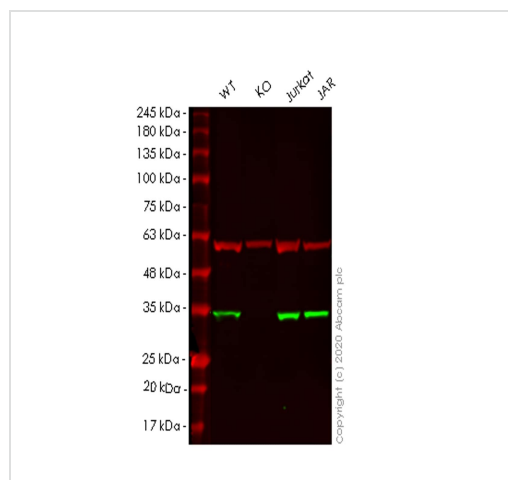
ターゲット情報

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



Western blot - Anti-Nucleoside phosphorylase antibody [EPR5714] - BSA and Azide free (ab247907)

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

This data was developed using the same antibody clone in a different buffer formulation ([ab109559](#)).

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.

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Anti-Nucleoside phosphorylase antibody [EPR5714]
- BSA and Azide free ([ab247907](#))

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