


Product datasheet

Anti-PKN3 (phospho T718) + PRK1 (phospho T774) + PKN2 (phospho T816) antibody [EPR5671] α b124709

Recombinant RabMAb

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Overview

Product name	Anti-PKN3 (phospho T718) + PRK1 (phospho T774) + PKN2 (phospho T816) antibody [EPR5671]
Description	Rabbit monoclonal [EPR5671] to PKN3 (phospho T718) + PRK1 (phospho T774) + PKN2 (phospho T816)
Host species	Rabbit
Specificity	This antibody only detects PKN3 phosphorylated at Threonine 718, PKN2 phosphorylated at Threonine 816, and PKN1 phosphorylated at Threonine 774.
Tested applications	Suitable for: Flow Cyt (Intra), WB Unsuitable for: ICC/IF, IHC-P or IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	This product was produced with the following immunogens: Synthetic peptide. This information is proprietary to Abcam and/or its suppliers. Synthetic peptide. This information is proprietary to Abcam and/or its suppliers. Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	HeLa cell lysates and Hek 293 cells.
General notes	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 .

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	pH: 7.2 Preservative: 0.05% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR5671
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab124709 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

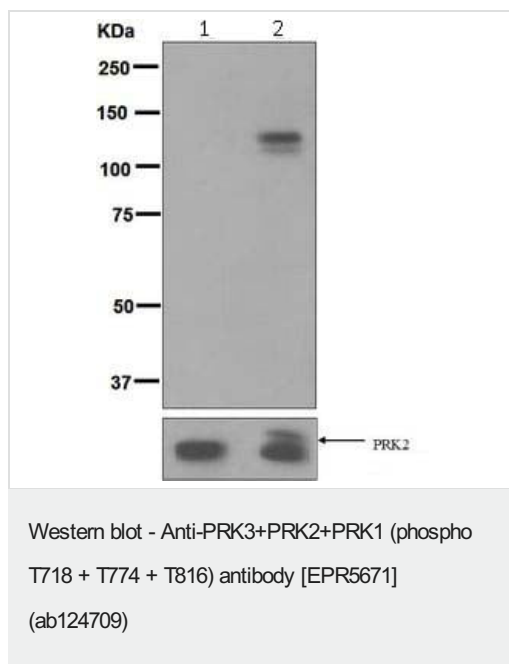
Application	Abreviews	Notes
Flow Cyt (Intra)		1/10 - 1/100. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/1000 - 1/10000. Predicted molecular weight: 104, 112, 99 kDa.

Application notes Is unsuitable for ICC/IF, IHC-P or IP.

Target

Cellular localization PKN3: Nucleus. Cytoplasm > perinuclear region. Nuclear and perinuclear Golgi region. PRK1: Cytoplasmic PKN2: Cytoplasm.

Images



All lanes : Anti-PKN3 (phospho T718) + PRK1 (phospho T774) + PKN2 (phospho T816) antibody [EPR5671] (ab124709) at 1/1000 dilution

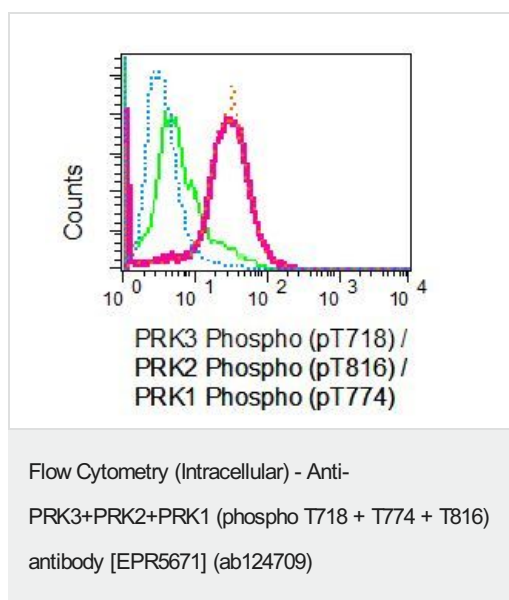
Lane 1 : HeLa cell lysate untreated

Lane 2 : HeLa cell lysate treated with Okadaic acid and Calyculin A.

Lysates/proteins at 10 µg per lane.

Predicted band size: 104, 112, 99 kDa

Bottom blot was probed with an anti-PNK2 antibody.



ab124709, at 1/10, staining PKN1 (phospho T774) + PKN2 (phospho T816) + PKN3 (phospho T718) in permeabilized Hek 293 cells by intracellular flow cytometry. Green: untreated cells Red: Okadaic Acid + Calyculin A-treated cells Blue: untreated cells preincubated with the immunizing phosphopeptides Orange: Okadaic Acid + Calyculin A-treated cells preincubated with the immunizing phosphopeptides.

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-PRK3+PRK2+PRK1 (phospho T718 + T774 + T816) antibody [EPR5671] (ab124709)

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

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