abcam

ab124709

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

Recombinant | RabMAb

Key facts

Isotype	IgG
Host species	Rabbit
Storage buffer	pH: 7.2 - 7.4 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Form	Liquid
Clonality	Monoclonal
Immunogens	The exact immunogen used to generate this antibody is proprietary information.
Clone number	EPR5671
Purification technique	Affinity purification Protein A
Specificity	This antibody only detects PKN3 phosphorylated at Threonine 718, PKN2 phosphorylated at Threonine 816, and PKN1 phosphorylated at Threonine 774.
Concentration	0.199 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

WB

Tested

Species	Human

Dilution info	1/1000 - 1/10000
Notes	-

Predicted

Species	Mouse, Rat
Dilution info	-
Notes	-

IP

Not recommended

Species	Human, Mouse, Rat
Dilution info	-
Notes	-

IHC-P

Not recommended

Species	Human, Mouse, Rat
Dilution info	-
Notes	-

ICC/IF

Not recommended

Species	Human, Mouse, Rat
Dilution info	-
Notes	-

Flow Cyt (Intra)

Tested

Species	Human

Dilution info	1/10 - 1/100
Notes	ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

Predicted

Species	Mouse, Rat
Dilution info	-
Notes	-

Target data

See full target information PKN3 pT718

Function	Contributes to invasiveness in malignant prostate cancer.

Storage

Shipped at conditions	Conditional Ambient
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	-20°C
Storage information	Stable for 12 months at -20°C

Notes

Patented technology
Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents.

What are the advantages of a recombinant monoclonal antibody?
This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free batch production

For more information, read more on recombinant antibodies.

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

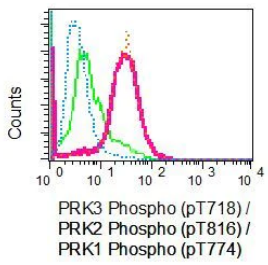
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

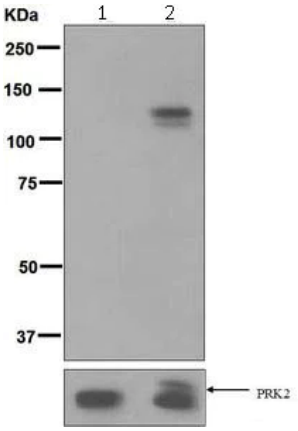
2 product images



Flow Cytometry (Intracellular) - Anti-PKN3 (phospho T718) + PRK1 (phospho T774) + PKN2 (phospho T816) antibody [EPR5671] (ab124709)

PKN3 (phospho T718) + PRK1 (phospho T774) + PKN2 (phospho T816) Flow Cytometry (Intracellular) staining using rabbit Anti-PKN3 (phospho T718) + PRK1 (phospho T774) + PKN2 (phospho T816) 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.



Western blot - Anti-PKN3 (phospho T718) + PRK1 (phospho T774) + PKN2 (phospho T816) antibody [EPR5671] (ab124709)

PKN3 (phospho T718) + PRK1 (phospho T774) + PKN2 (phospho T816) Western blot staining using rabbit Anti-PKN3 (phospho T718) + PRK1 (phospho T774) + PKN2 (phospho T816) antibody

Bottom blot was probed with an anti-PNK2 antibody.
All lanes:
Western blot - Anti-PKN3 (phospho T718) + PRK1 (phospho T774) + PKN2 (phospho T816) antibody [EPR5671] (ab124709) at 1/1000 dilution

Lane 1:
HeLa cell lysate untreated at 10 µg

Lane 2:
HeLa cell lysate treated with Okadaic acid and Calyculin A. at 10 µg

Predicted band size: 104 kDa, 112 kDa

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.