


Product datasheet

Anti-PPP6C/Ppv antibody [EPR8764] - BSA and Azide free ab248413

Recombinant RabMAb

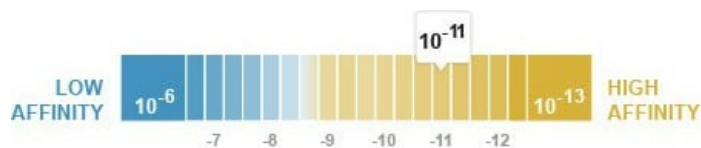
[5 Images](#)

Overview

Product name	Anti-PPP6C/Ppv antibody [EPR8764] - BSA and Azide free
Description	Rabbit monoclonal [EPR8764] to PPP6C/Ppv - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, WB, Flow Cyt (Intra) Unsuitable for: IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab248413 is the carrier-free version of ab131335.</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>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Dissociation constant (K_D)	K _D = 5.00 x 10 ⁻¹¹ M



[Learn more about K_D](#)

Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Affinity purified
Clonality	Monoclonal
Clone number	EPR8764
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab248413 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

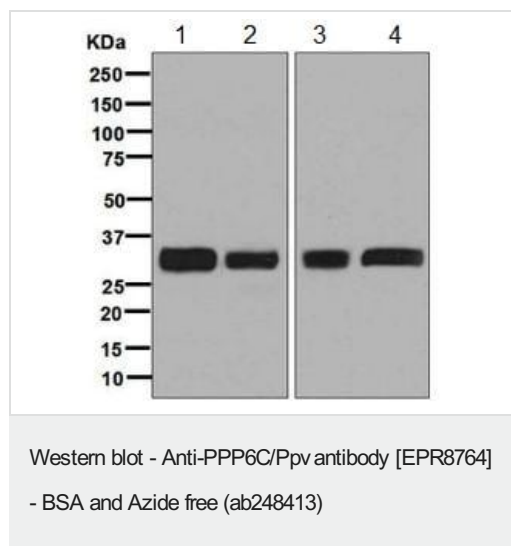
Application	Abreviews	Notes
ICC/IF		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Predicted molecular weight: 35 kDa.
Flow Cyt (Intra)		Use at an assay dependent concentration.

Application notes Is unsuitable for IHC-P.

Target

Function	Catalytic subunit of protein phosphatase 6 (PP6). PP6 is a component of a signaling pathway regulating cell cycle progression in response to IL2 receptor stimulation. N-terminal domain restricts G1 to S phase progression in cancer cells, in part through control of cyclin D1. Downregulates MAP3K7 kinase activation of the IL1 signaling pathway by dephosphorylation of MAP3K7.
Tissue specificity	Ubiquitously expressed in all tissues tested with highest expression levels in testis, heart, kidney, brain, stomach, liver and skeletal muscle and lowest in placenta, lung colon and spleen.
Sequence similarities	Belongs to the PPP phosphatase family. PP-6 (PP-V) subfamily.
Cellular localization	Cytoplasm.

Images



All lanes : Anti-PPP6C/Ppv antibody [EPR8764] ([ab131335](#)) at 1/1000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : Fetal thymus tissue lysate

Lane 3 : 293T cell lysate

Lane 4 : Jurkat cell lysate

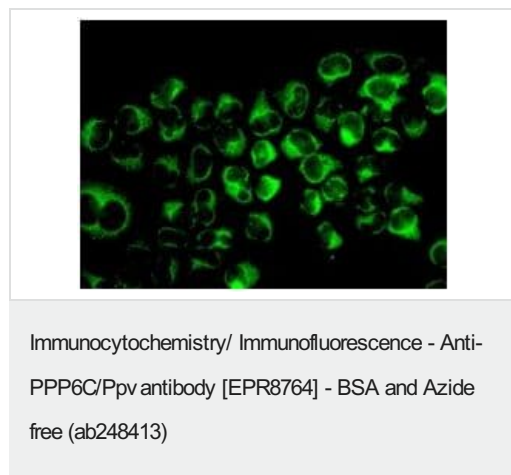
Lysates/proteins at 10 µg per lane.

Secondary

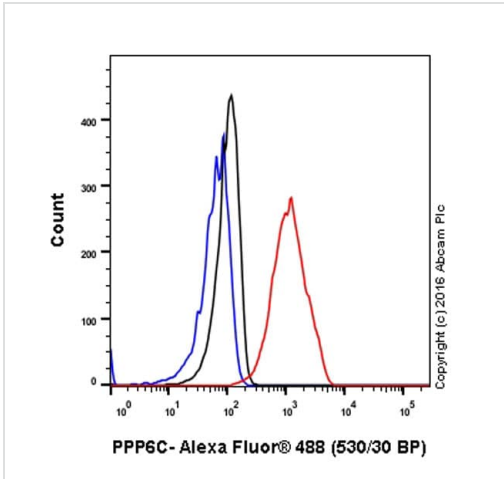
All lanes : Goat anti-rabbit HRP conjugated at 1/2000 dilution

Predicted band size: 35 kDa

This data was developed using [ab131335](#), the same antibody clone in a different buffer formulation.



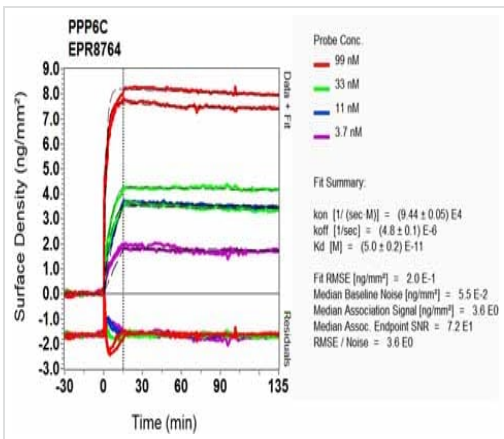
This data was developed using [ab131335](#), the same antibody clone in a different buffer formulation. Immunofluorescent analysis of HeLa cells labelling PPP6C/Ppv with [ab131335](#) at 1/100 dilution.



Flow Cytometry (Intracellular) - Anti-PPP6C/Ppv antibody [EPR8764] - BSA and Azide free (ab248413)

This data was developed using [ab131335](#), the same antibody clone in a different buffer formulation.

Intracellular Flow Cytometry analysis of HeLa cells labelling PPP6C/Ppv with purified [ab131335](#) at a dilution of 1/280 (red). Cells were fixed with 4% paraformaldehyde and permeabilized with 90% methanol. An Alexa Fluor® 488-conjugated goat anti-rabbit IgG (1/2000) was used as the secondary antibody. Black - Isotype control, rabbit monoclonal IgG. Blue - Unlabelled control, cells without incubation with primary and secondary antibodies.



OI-RD Scanning - Anti-PPP6C/Ppv antibody [EPR8764] - BSA and Azide free (ab248413)

This data was developed using [ab131335](#), the same antibody clone in a different buffer formulation. Equilibrium disassociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

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-PPP6C/Ppv antibody [EPR8764] - BSA and Azide free (ab248413)

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

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