


Product datasheet

Anti-Phospholipase A2 XII/PLA2G12A antibody [7C7C9] ab201950

[3 Images](#)

Overview

Product name	Anti-Phospholipase A2 XII/PLA2G12A antibody [7C7C9]
Description	Mouse monoclonal [7C7C9] to Phospholipase A2 XII/PLA2G12A
Host species	Mouse
Tested applications	Suitable for: WB, Flow Cyt
Species reactivity	Reacts with: Human Predicted to work with: Mouse 
Immunogen	Recombinant full length protein corresponding to Human Phospholipase A2 XII/PLA2G12A aa 1 to the C-terminus. Recombinant full length mature expressed in E coli Database link: Q9BZM1 Run BLAST with Run BLAST with
Positive control	Human Phospholipase A2 XII/PLA2G12A (AA: 21-189) recombinant protein; Phospholipase A2 XII/PLA2G12A (AA: 21-189)-hlgGfC transfected HEK293 cell lysate and HeLa cells.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.05% Sodium azide Constituent: 99% PBS
Purity	Protein G purified
Purification notes	Purified from tissue culture supernatant.

Clonality	Monoclonal
Clone number	7C7C9
Isotype	IgG1

Applications

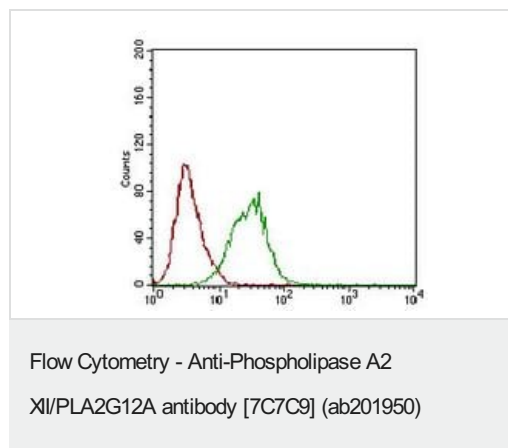
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab201950 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/2000. Predicted molecular weight: 21 kDa.
Flow Cyt		1/200 - 1/400. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

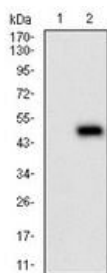
Target

Function	PA2 catalyzes the calcium-dependent hydrolysis of the 2-acyl groups in 3-sn-phosphoglycerides. Does not exhibit detectable activity toward sn-2-arachidonoyl- or linoleoyl-phosphatidylcholine or -phosphatidylethanolamine.
Tissue specificity	Abundantly expressed in heart, skeletal muscle, kidney, liver and pancreas.
Sequence similarities	Belongs to the phospholipase A2 family.
Cellular localization	Secreted. Cytoplasm.

Images



Flow cytometric analysis of HeLa cells labeling Phospholipase A2 XII/PLA2G12A (green) using ab201950 at 1/200 dilution and negative control (red).



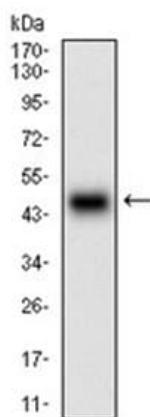
Western blot - Anti-Phospholipase A2 XII/PLA2G12A antibody [7C7C9] (ab201950)

All lanes : Anti-Phospholipase A2 XII/PLA2G12A antibody [7C7C9] (ab201950) at 1/500 dilution

Lane 1 : HEK293 cell lysate

Lane 2 : Phospholipase A2 XII/PLA2G12A (AA: 21-189)-hlgGFc transfected HEK293 cell lysate

Predicted band size: 21 kDa



Western blot - Anti-Phospholipase A2 XII/PLA2G12A antibody [7C7C9] (ab201950)

Anti-Phospholipase A2 XII/PLA2G12A antibody [7C7C9] (ab201950) at 1/500 dilution + Human Phospholipase A2 XII/PLA2G12A (AA: 21-189) recombinant protein.

Predicted band size: 21 kDa

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

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