

Product datasheet

Anti-Dnmt2 antibody [ABM1H70] ab220175

[1 References](#) [2 Images](#)

Overview

Product name	Anti-Dnmt2 antibody [ABM1H70]
Description	Mouse monoclonal [ABM1H70] to Dnmt2
Host species	Mouse
Tested applications	Suitable for: WB, Flow Cyt
Species reactivity	Reacts with: Mouse, Human
Immunogen	Recombinant fragment corresponding to Human Dnmt2. Database link: Q6ICS7
Positive control	Jurkat and mouse embryonic liver lysates; 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 Constituents: 99% PBS, 0.05% BSA
Purity	Protein G purified
Clonality	Monoclonal
Clone number	ABM1H70
Isotype	IgG1
Light chain type	kappa

Applications

Applications

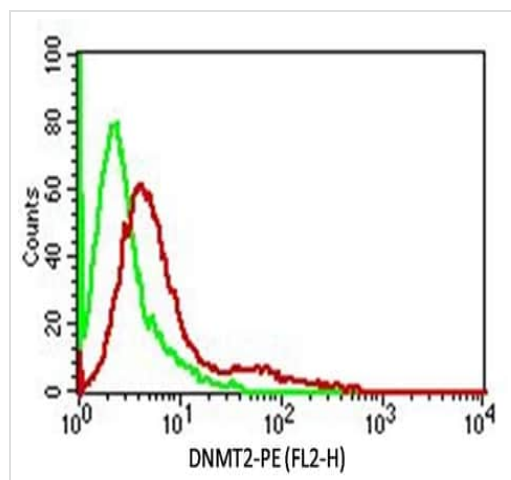
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab220175 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 4 - 6 µg/ml. Predicted molecular weight: 45 kDa.
Flow Cyt		Use 0.5-1µg for 10 ⁶ cells.

Target

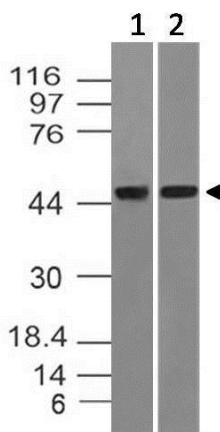
Function	Specifically methylates cytosine 38 in the anticodon loop of tRNA(Asp).
Tissue specificity	Ubiquitous. Higher expression in testis, ovary and thymus and at much lower levels in spleen, prostate, colon, small intestine, and peripheral blood leukocytes.
Sequence similarities	Belongs to the C5-methyltransferase family.
Cellular localization	Nucleus.

Images



Flow cytometric analysis of HeLa cells (4% paraformaldehyde-fixed and permeabilized) labeling Dnmt2 with ab220175 at 0.5 µg per 10⁶ cells, followed by goat anti mouse PE conjugated secondary detection (red). Isotype control: green.

Flow Cytometry - Anti-Dnmt2 antibody [ABM1H70]
(ab220175)



All lanes : Anti-Dnmt2 antibody [ABM1H70] (ab220175) at 4 µg/ml

Lane 1 : Jurkat cell lysate

Lane 2 : mouse embryonic liver lysate

Predicted band size: 45 kDa

Western blot - Anti-Dnmt2 antibody [ABM1H70]
(ab220175)

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

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