abcam

ab220175

Anti-Dnmt2 antibody [ABM1H70]

Key facts

Isotype	IgG1
Host species	Mouse
Storage buffer	Preservative: 0.05% Sodium azide Constituents: PBS, 0.05% BSA
Form	Liquid
Clonality	Monoclonal
Immunogen	Recombinant Fragment Protein within Human TRDMT1. The exact immunogen used to generate this antibody is proprietary information. Database link O14717
Clone number	ABM1H70
Purification technique	Affinity purification Protein G
Light chain type	kappa
Concentration	0.5 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

Flow Cyt

Tested

Species	Human
Dilution info	0.5-1 µg for 10^6 Cells
Notes	-

Expected

Species	Mouse
Dilution info	Use at an assay dependent concentration.
Notes	-

WB

Tested

Species	Human
Dilution info	4-6 µg/mL
Notes	-

Species	Mouse
Dilution info	4-6 µg/mL
Notes	-

Target data

See full target information TRDMT1

Function	Specifically methylates cytosine 38 in the anticodon loop of tRNA(Asp) (PubMed:16424344). Has higher activity on tRNA(Asp) modified with queuosine at position 34 (PubMed:30093495).

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage duration	1-2 weeks
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	-20°C
Aliquoting information	Upon delivery aliquot

Storage information	Avoid freeze / thaw cycle

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

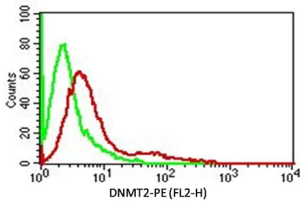
We do not recommend this combination. It is not covered by our product promise.

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.

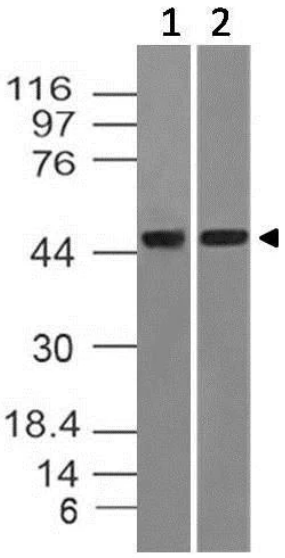
2 product images



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

Dnmt2 Flow Cytometry staining using mouse Anti-Dnmt2 antibody

Flow cytometric analysis of HeLa cells (4% paraformaldehyde-fixed and permeabilized) labeling Dnmt2 with ab220175 at 0.5 µg per 10^6 cells, followed by goat anti mouse PE conjugated secondary detection (red). Isotype control: green.



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

All lanes:
Western blot - 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

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