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TET3 (C3) Antibody, Mouse Monoclonal

Cat#: M1092-3

Quantity: 100 ul

Predicted M.W.: 179 kDa

Isotype: Mouse IgM

Lot#: Refer to vial

Application: WB

Uniprot ID: O43151

Clone: 4D5

Background:

TET3 is a methylcytosine dioxygenase that catalyzes the conversion of methylcytosine (5mC) to 5-hydroxymethylcytosine (5hmC), and may play a role in DNA demethylation. TET3 is a member of the ten-eleven translocation (TET) gene family.

Other Names:

Methylcytosine dioxygenase TET3, KIAA0401

Source and Purity:

Mouse monoclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human TET3. Antibodies were purified by Caprylic Acid-Ammonium Sulfate precipitation.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 40% Glycerol, 0.02% Thimerosal. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:500-1:2,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

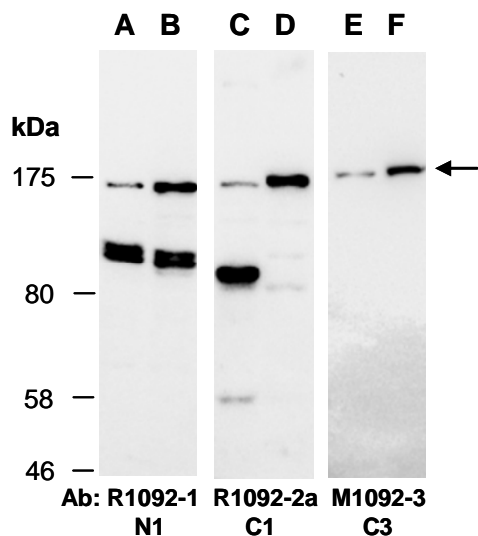


Fig 1. Western blot of total cell extracts from (A, C, E) human Jurkat, (B, D, F) mouse thymus, using 3 independent Abs against 3 distinct regions of human TET3 at RT for 2 h.