

Datasheet for ABIN768637
anti-TET2 antibody (Internal Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	TET2
Binding Specificity:	Internal Region
Reactivity:	Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Application:	ELISA

Product Details

Purpose:	Tet2 (mouse)
Immunogen:	Peptide with sequence C-QPSLTSAQINFSQT, from the internal region of the protein sequence according to NP_001035490.2.
Sequence:	QPSLTSAQIN FSQT
Isotype:	IgG
Predicted Reactivity:	Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

Target Details

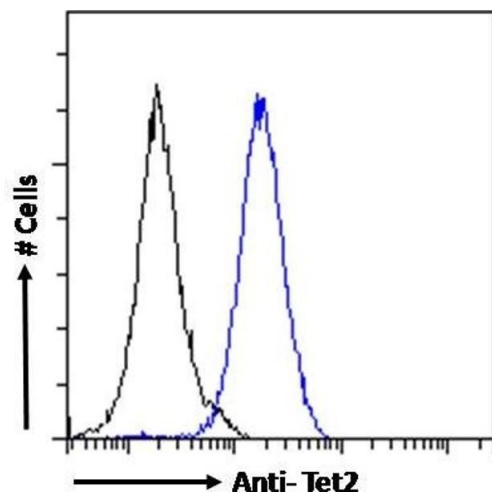
Target:	TET2
Alternative Name:	Tet2 (TET2 Products)
Background:	Tet2, tet oncogene family member 2, Ayu17-449, E130014J05Rik, MGC37385, mKIAA1546, methylcytosine dioxygenase TET2, probable methylcytosine dioxygenase TET2, tet oncogene 2
Molecular Weight:	80kDa
NCBI Accession:	NP_001035490 , NP_001333665
Pathways:	Warburg Effect

Application Details

Application Notes:	DS WB Results: Preliminary experiments gave an approx 80 kDa band in lysates of cell line NIH3T3 after 1 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 212 kDa according to NP_001035490.2. The 80 kDa band was successfully blocked by incubation with the immunizing peptide. Have any further splice variants/modified forms been reported? Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Flow Cytometry

Image 1. ABIN768637 Flow cytometric analysis of paraformaldehyde fixed NIH3T3 cells (blue line), permeabilized with 0.5 % Triton. Primary incubation 1hr (10 μ g/mL) followed by Alexa Fluor 488 secondary antibody (1 μ g/mL). IgG control: Unimmunized goat IgG (black line) f