

Datasheet for ABIN654474  
**anti-MYSM1 antibody (N-Term)**

## 2 Images

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## Overview

Quantity:	400 µL
Target:	MYSM1
Binding Specificity:	AA 111-139, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYSM1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

## Product Details

Immunogen:	This MYSM1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 111-139 amino acids from the N-terminal region of human MYSM1.
Clone:	RB27661
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	MYSM1
Alternative Name:	MYSM1 ( <a href="#">MYSM1 Products</a> )
Background:	Metalloprotease that specifically deubiquitinates monoubiquitinated histone H2A, a specific tag

## Target Details

for epigenetic transcriptional repression, thereby acting as a coactivator. Preferentially deubiquitinates monoubiquitinated H2A in hyperacetylated nucleosomes. Deubiquitination of histone H2A leads to facilitate the phosphorylation and dissociation of histone H1 from the nucleosome. Acts as a coactivator by participating in the initiation and elongation steps of androgen receptor (AR)-induced gene activation.

Molecular Weight: 95032

Gene ID: 114803

NCBI Accession: [NP\\_001078956](#)

UniProt: [Q5VVJ2](#)

Pathways: [Chromatin Binding](#)

## Application Details

Application Notes: WB: 1:1000. FC: 1:10~50

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

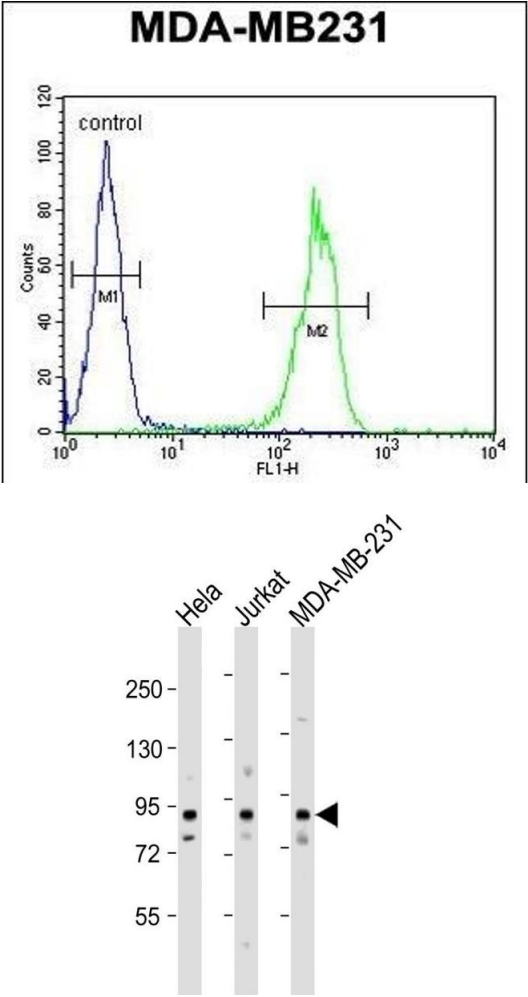
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Flow Cytometry

**Image 1.** MYSM1 Antibody (N-term) (ABIN654474 and ABIN2844208) flow cytometric analysis of MDA-M cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

**Image 2.** All lanes : Anti-MYSM1 Antibody (N-term) at 1:1000 dilution Lane 1: Hela whole cell lysate Lane 2: Jurkat whole cell lysate Lane 3: MDA-MB-231 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 95 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.