Datasheet for ABIN654726

# anti-MLZE antibody (AA 218-246)

3 Images

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## Overview

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|---|---|
| Quantity: | 400 µL |
| Target: | MLZE |
| Binding Specificity: | AA 218-246 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This MLZE antibody is un-conjugated |
| Application: | Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

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|---|---|
| Immunogen: | This GSDMC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 218-246 amino acids from the Central region of human GSDMC. |
| Clone: | RB27043 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

## Target Details

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|---|---|
| Target: | MLZE |
| Alternative Name: | GSDMC (MLZE Products) |

## Target Details

| | |
|---|---|
| Molecular Weight: | 57692 |
| Gene ID: | 56169 |
| NCBI Accession: | NP_113603 |
| UniProt: | Q9BYG8 |

## Application Details

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|---|---|
| Application Notes: | WB: 1:2000. IHC-P: 1:50~100. FC: 1:25 |
| Restrictions: | For Research Use only |

## Handling

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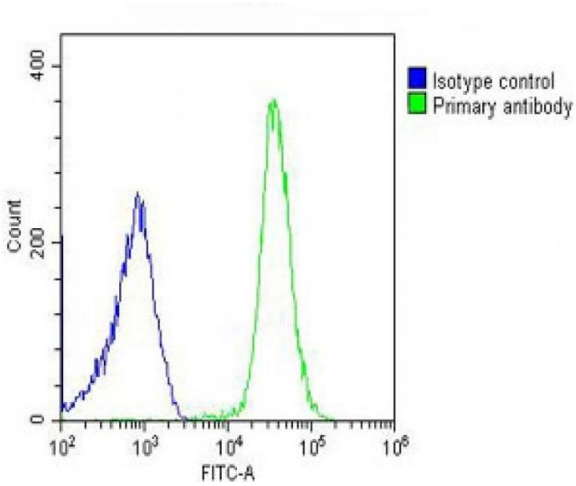
|---|---|
| Format: | Liquid |
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| 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 |

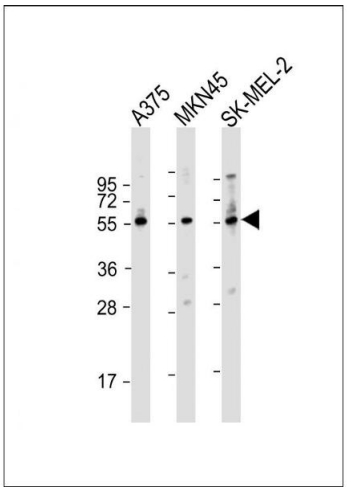
## Images




**Flow Cytometry**

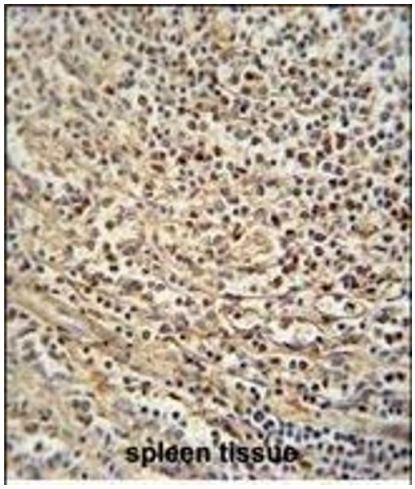
**Image 1.** Overlay histogram showing U-2OS cells stained with (ABIN654726 and ABIN2844414) (green line). The cells were fixed with 2 % paraformaldehyde (10 min) and then permeabilized with 90 % methanol for 10 min. The cells were then icubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN654726 and ABIN2844414), 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-

Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(OH191631) at 1/200 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was rabbit IgG (1 µg/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.




## Western Blotting

**Image 2.** All lanes : Anti-GSDMC Antibody (Center) at 1:2000 dilution Lane 1: whole cell lysate Lane 2: MKN45 whole cell lysate Lane 3: SK-MEL-2 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 : 58 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.




## Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** GSDMC antibody (Center) (ABIN654726 and ABIN2844414) immunohistochemistry analysis in formalin fixed and paraffin embedded human spleen tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GSDMC antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.