



[Go to Product page](#)

Datasheet for ABIN6944076
anti-METAP2 antibody

Overview

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| Quantity: | 100 µL |
| Target: | METAP2 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Monoclonal |
| Conjugate: | This METAP2 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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| Immunogen: | Recombinant protein within C-terminal human Methionine Aminopeptidase 2. |
| Clone: | 2G3 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | METAP2 |
| Alternative Name: | METAP2 (METAP2 Products) |

Target Details

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|-------------|---|
| Background: | <p>Synonyms: Methionine aminopeptidase 2, Initiation factor 2-associated 67 kDa glycoprotein, Peptidase M, MetAP 2, p67, p67eIF2, METAP2, MNPEP, P67EIF2</p> <p>Background: Methionine aminopeptidases (MetAP), also designated peptidase M proteins, are members of the M24 family of proteins. Both MetAP-1 and MetAP-2 release N-terminal amino acids, usually methionine, from nascent peptides and arylamines. Eukaryotes contain both MetAP-1 and MetAP-2, whereas prokaryotes possess only the MetAP-1 enzyme. MetAP-1 and MetAP-2 control cell proliferation in mammalian cells. MetAP-2 is highly conserved between human and <i>Saccharomyces cerevisiae</i>. Neurofibromin (NF1) regulates MetAp-2 and increased expression of MetAP-2 correlates with several forms of cancer. Inhibitors of MetAP-2 are potential targets in cancer therapeutics, particularly in NF1-associated tumor proliferation. Chemotherapeutic drugs such as ovalicin and fumagillin bind to the active site of and inhibit MetAp-2.</p> |
| Gene ID: | 10988 |
| UniProt: | P50579 |
| Pathways: | Regulation of G-Protein Coupled Receptor Protein Signaling |

Application Details

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| Application Notes: | <p>WB 1:300-5000</p> <p>FCM 1:20-100</p> <p>IHC-P 1:200-400</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(ICC) 1:50-200</p> |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |

Handling

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months