Datasheet for ABIN6971474

# anti-BUB1 antibody (AA 281-419)

Go to Product page

## Overview

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| Quantity: | 100 µg |
| Target: | BUB1 |
| Binding Specificity: | AA 281-419 |
| Reactivity: | Human, Mouse |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This BUB1 antibody is un-conjugated |
| Application: | Immunofluorescence (IF), Immunocytochemistry (ICC) |

## Product Details

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| Immunogen: | This Bub1 antibody was raised against a recombinant protein corresponding to amino acids 281-419 of human Bub1. |
| Clone: | 14H5 |
| Isotype: | IgG |
| Characteristics: | Bub1 is a serine-threonine protein kinase and an important regulator of cell division. It is essential for the G2/M mitotic spindle assembly/integrity checkpoint as well as critical for chromosome alignment. Bub1 is required for the assembly of a large number of proteins at the kinetochore, including CENP-E, CENP-F, BUB1B, MAD2L1 and PLK1. It plays a role in sister chromatid cohesion and it serves as a substrate for the anaphase-promoting complex. Bub1 mediates cell death in response to chromosome mis-segregation and acts to suppress spontaneous tumorigenesis. Bub1 antibody (mAb) (Clone 14H5) was raised in a Mouse host. It |

## Product Details

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| | has been validated for use in Immunocytochemistry and Immunofluorescence, it has been shown to react with Human and Mouse samples. |
| Purification: | Protein G Chromatography |

## Target Details

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| Target: | BUB1 |
| Alternative Name: | Bub1 (BUB1 Products) |
| Molecular Weight: | 130 kDa |
| NCBI Accession: | NP_004327 |

## Application Details

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| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

## Handling

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| Buffer: | Purified IgG in 70 mM Tris ( pH 8), 105 mM NaCl, 31 mM glycine, 0.07 mM EDTA, 30 % glycerol and 0.035 % 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: | -20 °C |
| Storage Comment: | Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage. |