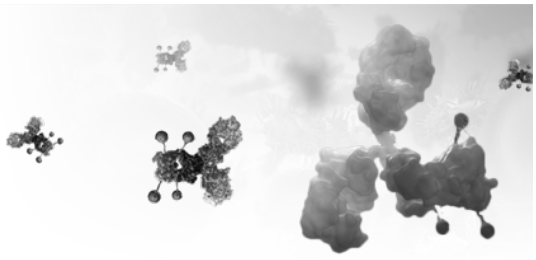

# Mouse anti-Human CLASP1 monoclonal antibody, clone 7B22 (CABT-B9978)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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|---|---|
| **Immunogen** | CLASP1 (NP_056097, 1133 a.a. ~ 1227 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| **Isotype** | IgG1 |
| **Source/Host** | Mouse |
| **Species Reactivity** | Human |
| **Clone** | 7B22 |
| **Conjugate** | Unconjugated |
| **Applications** | WB,sELISA,ELISA |
| **Sequence Similarities** | DGLAKHPPPFSQPNSIPTAPSHKALRRSYSPSMLDYDTENLNSEEIYSSLRGVTEAIEKF SFRSQEDLNEPIKRDGKKECDIVSRDGGAASPAT* |
| **Format** | Liquid |
| **Size** | 100 µg |
| **Buffer** | In 1x PBS, pH 7.2 |
| **Storage** | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

## BACKGROUND

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| **Introduction** | CLASPs, such as CLASP1, are nonmotor microtubule-associated proteins that interact with CLIPs (e.g., CLIP170; MIM 179838). CLASP1 is involved in the regulation of microtubule |

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|---|---|
| | dynamics at the kinetochore and throughout the spindle (Maiato et al., 2003 [PubMed 12837247]).[supplied by OMIM, Mar 2008] |
| **Keywords** | CLASP1; cytoplasmic linker associated protein 1; MAST1; CLIP-associating protein 1; multiple asters 1; protein Orbit homolog 1; multiple asters homolog 1; cytoplasmic linker-associated protein 1; |

# GENE INFORMATION

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|---|---|
| **Entrez Gene ID** | 23332 |
| **UniProt ID** | Q7Z460 |
| **Pathway** | Axon guidance, organism-specific biosystem; Axon guidance, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Centrosome maturation, organism-specific biosystem; DNA Replication, organism-specific biosystem; G2/M Transition, organism-specific biosystem |
| **Function** | kinetochore binding; microtubule binding; microtubule binding; microtubule plus-end binding; protein binding |

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