

Mouse Monoclonal Antibody to ANAPC10

| | |
|--------------------------------|--|
| Catalogue Number | sAP-1471 |
| Target Molecule | <p>Name: ANAPC10</p> <p>Aliases: IDH; IDP; IDCD; IDPC; PICD; HEL-216; HEL-S-26</p> <p>MW: 46.7kDa</p> <p>Entrez Gene ID: 3417</p> |
| Description | ANAPC10 is a core subunit of the anaphase-promoting complex (APC), or cyclosome, a ubiquitin protein ligase that is essential for progression through the cell cycle. APC initiates sister chromatid separation by ubiquitinating the anaphase inhibitor securin (PTTG1; MIM 604147) and triggers exit from mitosis by ubiquitinating cyclin B (CCNB1; MIM 123836), the activating subunit of cyclin-dependent kinase-1 (CDK1; MIM 116940) (summary by Wendt et al., 2001 [PubMed 11524682]).; |
| Immunogen | Purified recombinant fragment of human ANAPC10 (AA: 1-185) expressed in E. Coli. |
| Recombinant Species | Human; |
| Clone | MM8F1D10; |
| Size and Concentration | 100µg/1mg/ml |
| Supplied as | Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide |
| Reconstitution/Storages | Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage |
| Applications | ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400 |
| Shipping | Regular FEDEX overnight shipment (ambient temperature) |
| Reference | 1.BMC Cell Biol. 2004 May 16;5:20. ; 2.Nat Struct Biol. 2001 Sep;8(9):784-8.; |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**