

30-1497: Anti-Gamma-tubulin complex component 2 Monoclonal Antibody (Clone:GCP2-01)

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| Clonality : | Monoclonal |
| Clone Name : | GCP2-01 |
| Application : | IP |
| Reactivity : | Human |
| Gene : | TUBGCP2 |
| Gene ID : | 10844 |
| Uniprot ID : | Q9BSJ2 |
| Format : | Purified |
| Alternative Name : | TUBGCP2,GCP2 |
| Isotype : | Mouse IgG2b |
| Immunogen Information : | GST-fusion protein containing amino acids 2-194 of mouse GCP2 |

Description

Gamma tubulin complex component 2 (GCP2) is 95-103 kDa protein which associates with two molecules of gamma tubulin and one molecule of gamma tubulin complex component 3 (GCP3), to form the gamma tubulin small complexes (gammaTuSCs). These complexes interact with GCP4, 5, and 6 to form the gamma tubulin ring complexes (gammaTuRCs), which are embedded in the microtubule organizing center matrix where they nucleate microtubules. The gammaTuRCs are also involved in the regulation of microtubule plus and minus end dynamics. Components of gamma tubulin complexes are highly conservative in eukaryotes.

Product Info

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| Amount : | 0.1 mg |
| Purification : | Purified by protein-A affinity chromatography |
| Storage condition : | Store at 2-8°C. Do not freeze. |

Application Note

Western blotting: Recommended dilution: 1-2 µg/ml, reducing conditions.