

## Anti-gamma-Tubulin GCP2 Purified TUBGCP2 Monoclonal Antibody

Catalog Number: M10573

### About TUBGCP2

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.

### Overview

Product Name	Anti-gamma-Tubulin GCP2 Purified TUBGCP2 Monoclonal Antibody
Reactive Species	Human, Mouse, Pig, Rat
Description	Boster Bio Anti-gamma-Tubulin GCP2 Purified TUBGCP2 Monoclonal Antibody (Catalog# M10573). Tested in IP, WB, IHC-P, ICC application(s). This antibody reacts with Rat, Mouse, Pig, Human.
Application	IP, IHC-P, ICC, WB
Clonality	Monoclonal GCP2-01
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage Instructions	Store at 2-8°C. Do not freeze.
Host	Mouse
Uniprot ID	Q9BSJ2

### Technical Details

Immunogen	GST-fusion protein containing amino acids 2-194 of mouse GCP2. The mouse monoclonal antibody GCP2-01 recognizes gamma-tubulin complex component 2 (GCP2), a 95-103 kDa intracellular protein. It recognizes also phosphorylated GCP2.
Predicted Reactive Species	Primate
Cross Reactivity	As in case with other anti-CD170 antibodies, this antibody cross-reacts with Siglec-14, whose first two Ig domains are almost identical to those of CD170.
Isotype	Mouse IgG2b kappa
Form	Liquid
Concentration	1 mg/ml

Purification	Purified by protein-A affinity chromatography.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Western blotting: 1-2 ug/ml, reducing conditions.</p>

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