

## Anti-Bi-1 TMBIM6 Antibody (Monoclonal, ABM20E4)

Catalog Number: M05462

### About TMBIM6

This monoclonal antibody recognizes a 56kDa protein, which is identified as Early Mitotic Inhibitor-1 (EMI1). It regulates mitosis by inhibiting the anaphase promoting complex/cyclosome (APC). Emi1 is a conserved F box protein containing a zinc-binding region essential for APC inhibition. The Emi1 protein functions to promote cyclin A accumulation and S phase entry in somatic cells by inhibiting the APC complex. At the G1-S transition, Emi1 is transcriptionally induced by the E2F transcription factor. Emi1 overexpression accelerates S-phase entry and can override a G1 block caused by overexpression of Cdh1 or the E2F-inhibitor p105 retinoblastoma protein (pRb). Depleting cells of Emi1 through RNA interference prevents accumulation of cyclin A and inhibits S phase entry.

### Overview

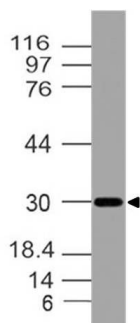
Product Name	Anti-Bi-1 TMBIM6 Antibody (Monoclonal, ABM20E4)
Reactive Species	Human
Description	Boster Bio Anti-Bi-1 TMBIM6 Antibody (Monoclonal, ABM20E4) (Catalog# M05462). Tested in WB application(s). This antibody reacts with Human.
Conjugate	Biotin
Application	WB
Clonality	Monoclonal ABM20E4
Formulation	100 µg in 200 µl PBS containing 0.05% stabilizing protein and 0.05% sodium azide This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.
Host	Mouse
Uniprot ID	P55061

### Technical Details

Immunogen	A partial length recombinant protein of human Bi-1 (amino acids 1-200)
Predicted Reactive Species	Pig, Rabbit
Cross Reactivity	Does not cross-react with primate, avian or amphibian GR.
Isotype	IgG2a Kappa

Form	Liquid
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Protein G Chromatography
Suggested Dilutions	Western blot: 4-6 µg/ml

## Anti-Bi-1 TMBIM6 Antibody (Monoclonal, ABM20E4) (M05462) Images



Expression analysis of Bi-1. Anti-Bi-1 antibody (Clone: ABM20E4) was tested at 4  $\mu$

### 1 Publications Citing This Product

1. PubMed ID: 23330006, Li Ly, Zhang Lj, Jia Jy, Zhao Q, Wang Eb, Li Qw. Int J Clin Exp Pathol. 2013;6(2):212-23. Epub 2013 Jan 15. Does Dynamic Immobilization Reduce Chondrocyte Apoptosis And Disturbance To The Femoral Head Perfusion?

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