

## 30-2536: Anti-Cyclin B1 Antibody (Clone : V152)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	V152
<b>Application :</b>	WB, IHC(P), ICC, FACS , IHC(F)
<b>Reactivity :</b>	Mammalian
<b>Gene :</b>	CCNB1
<b>Gene ID :</b>	891
<b>Format :</b>	Purified
<b>Alternative Name :</b>	cyclin B1
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Recombinant His-tagged hamster cyclin B1

### Description

Cyclin B1 is a regulatory protein involved in mitosis. It complexes with p34(cdc2) to form maturation-promoting factor (MPF), and is necessary for proper control of the G2/M phase transition of the cell cycle. It is expressed in tissues containing proliferating cells, such as lymph node, testis et al.

Specificity : The mouse monoclonal antibody V152 recognizes cyclin B1, a 48 kDa intracellular protein necessary for G2/M phase transition of the cell cycle.

### Product Info

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography
<b>Content :</b>	1 mg/ml Formulation : Phosphate buffered saline (PBS) solution with 15 mM sodium azide
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

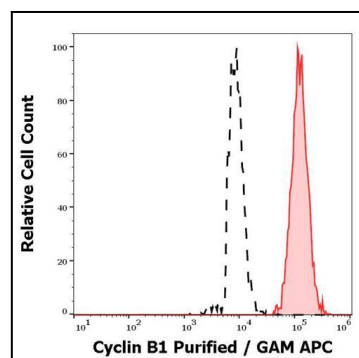


Figure 1 : Separation of JURKAT cells stained using anti-Cyclin B1 (V152) purified antibody (concentration in sample 5,0 µg/ml, GAM APC, red-filled) from JURKAT cells unstained by primary antibody (GAM APC, black-dashed) in flow cytometry analysis (intracellular staining).