

Technical Data Sheet

Product **Anti-Cyclin B1 Alexa Fluor® 488**
Cat. Number/Size **A4-871-T100** **100 tests**
For Research Use Only.
Not for use in diagnostic or therapeutic procedures.

Antigen	Cyclin B1
Clone	V152
Format	Alexa Fluor® 488
Reactivity	Mammalian
Application	IHC-P, ICC, FC-IC (QC tested)
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests. Intracellular staining.
Excitation laser	blue (488 nm)
Isotype	Mouse IgG1
Specificity	The mouse monoclonal antibody V152 recognizes cyclin B1, a 48 kDa intracellular protein necessary for G2/M phase transition of the cell cycle.
Immunogen	Recombinant His-tagged hamster cyclin B1
Entrez Gene ID	891
Gene name	CCNB1
NCBI Full Gene Name	cyclin B1
UniProt ID	P14635

Preparation	Purified antibody is conjugated with Alexa Fluor® 488 NHS ester under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Formulation	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

Images and References www.exbio.cz

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