

Technical Data Sheet

Product	<b>Anti-TNAP PE</b>	
Cat. Number/Size	<b>1P-831-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

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Antigen	TNAP
Clone	W8B2B10
Format	PE
Reactivity	Dog, Pig, Sheep, Monkey, Goat, Human
Application	FC (QC tested)
Application details	Flow cytometry: Recommended dilution: 1-4 µg/ml
Excitation laser	blue (488 nm)
Isotype	Mouse IgG1
Specificity	The mouse monoclonal antibody W8B2B10 recognizes TNAP (tissue non-specific alkaline phosphatase), an ectoenzyme expressed mainly on embryonic stem cells, liver, bone, and kidney cells. This antibody is suitable for characterization of bone marrow-derived MSCs, iPSCs, and ESCs.
Other names	Tissue Non-specific Alkaline Phosphatase, MSCA-1, liver/bone/kidney alkaline phosphatase
Immunogen	WERI-RB-1 retinoblastoma cell line
Entrez Gene ID	249
Gene name	ALPL
NCBI Full Gene Name	alkaline phosphatase, biomineralization associated
UniProt ID	P05186

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Concentration	0.1 mg/ml
Preparation	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. 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.

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Images and References [www.exbio.cz](http://www.exbio.cz)

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