



Technical Data Sheet

Product	Anti-Hu Myeloperoxidase Alexa Fluor® 647		
Cat. Number/Size	A6-791-T100	100 tests	
	For Research Use Only.		
	Not for use in diagnostic or therapeutic procedures.		
Antigen	Myeloperoxidase		
Clone	MPO421-8B2		
Format	Alexa Fluor® 647		
Reactivity	Human		
Application	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	red (633 nm)		
Isotype	Mouse IgG1		
Specificity	The mouse monoclonal antibody MPO421-8B2 recognizes human myeloperoxidase, a heme protein present in intracellular granules of myeloblasts, neutrophils and monocytes. It is a marker of acute myelogenous leukemias and acute lymphoblastic leukemias.		
Other names	MPO		
Immunogen	Human myeloperoxidase		
Entrez Gene ID	4353		
Gene name	MPO		
NCBI Full Gene Name	myeloperoxidase		
UniProt ID	P05164		
Preparation	Purified antibody is conjugated with Alexa Fluor® 647 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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