



Technical Data Sheet

Product	Anti-Hu CD30 Alexa Fluor® 700		
Cat. Number/Size	A7-455-T100	100 tests	
	For Research Use Only.		
	Not for use in diagnostic or therapeutic procedures.		
Antigen	CD30		
Clone	MEM-268		
Format	Alexa Fluor® 700		
Reactivity	Human		
Application	FC (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.		
Excitation laser	red (633 nm)		
Isotype	Mouse IgG2a kappa		
Specificity	The antibody MEM-268 recognizes extracellular part of CD30 (Ki-1 antigen), a 105 kDa single chain glycoprotein expressed on Hodgkin's and Reed-Sternberg cells; it is also found in Burkitt's lymphomas, virus-infected T and B lymphocytes, and on normal B and T lymphocytes after activation (T lymphocytes that produce Th2-type cytokines and on CD4+/CD8+ T lymphocytes that co-express CD45RO and the IL4 receptor).		
Other names	Ki-1, TNFRSF8, CD30L receptor, D1S166E		
Immunogen	Expression vector containing CD30 cDNA (booster suspension of THP-1 cell line)		
Entrez Gene ID	943		
Gene name	TNFRSF8		
NCBI Full Gene Name	TNF receptor superfamily member 8		
UniProt ID	P28908		
Preparation	Purified antibody is conjugated with Alexa Fluor® 700 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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