

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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