

## Technical Data Sheet

Product	<b>Anti-Hu CD55 Alexa Fluor® 488</b>	
Cat. Number/Size	<b>A4-230-T025</b>	<b>25 tests</b>
	<b>A4-230-T100</b>	<b>100 tests</b>

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

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Antigen	CD55
Clone	MEM-118
Format	Alexa Fluor® 488
Reactivity	Human, Non-human primates
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 <sup>6</sup> cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.
Excitation laser	blue (488 nm)
Isotype	Mouse IgM
Specificity	The antibody MEM-118 recognizes an epitope in SCR4 domain of CD55 (Decay accelerating factor, DAF), a 60-70 kDa glycosylphosphatidylinositol (GPI)-anchored single chain extracellular glycoprotein. CD55 is widely expressed on hematopoietic and on many non-hematopoietic cells; it is weakly present on NK cells.
Other names	DAF, CROM, CHAPLE
Workshop	HLDA V: WS Code AS S016
Immunogen	HPB-ALL human T cell line
Entrez Gene ID	1604
Gene name	CD55
NCBI Full Gene Name	CD55 molecule (Cromer blood group)
UniProt ID	P08174

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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 Tris buffered saline (TBS), pH 8.0, 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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