

### Technical Data Sheet

Product	<b>Anti-Hu CD46 Alexa Fluor® 700</b>	
Cat. Number/Size	<b>A7-342-T025</b>	<b>25 tests</b>
	<b>A7-342-T100</b>	<b>100 tests</b>

**For Research Use Only.**

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

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Antigen	CD46
Clone	MEM-258
Format	Alexa Fluor® 700
Reactivity	Cow, Human
Application	FC (QC tested), WB
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	red (633 nm)
Isotype	Mouse IgG1
Specificity	The antibody MEM-258 recognizes an extracellular epitope on SCR4 (the membrane-proximal SCR) domain of CD46 (Membrane cofactor protein). CD46 is 56-66 kDa dimeric transmembrane protein expressed on T and B lymphocytes, platelets, monocytes, granulocytes, endothelial cells, epithelial cells and fibroblast; it is negative on erythrocytes.
Other names	MCP, TLX, AHUS2, MIC10, MGC26544
Immunogen	HPB-ALL human T cell line
Entrez Gene ID	4179
Gene name	CD46
NCBI Full Gene Name	CD46 molecule
UniProt ID	P15529

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Preparation	The purified antibody is conjugated with Alexa Fluor® 700 under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Formulation	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Storage and handling	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.

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

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