

Technical Data Sheet

Product	<b>Anti-Hu CD16 Purified Low Endotoxin</b>
Cat. Number/Size	<b>12-214-C100</b> <b>0.1 mg</b>
	<b>For Research Use Only.</b>
	<b>Not for use in diagnostic or therapeutic procedures.</b>

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Antigen	CD16
Clone	MEM-154
Format	Purified Low Endotoxin
Reactivity	Human
Application	FC (QC tested), IP, WB, FUNC
Application details	Functional application: The antibody MEM-154 blocks binding of human IgG to FcγRIII. Flow cytometry: Recommended dilution: 5-10 µg/ml; positive control: PBL (peripheral blood lymphocytes). The antibody MEM-154 does not react with CD16a present on NK cells in many subjects. Western blotting: Non-reducing conditions.
Isotype	Mouse IgG1
Specificity	The antibody MEM-154 reacts with an extracellular epitope on CD16 antigen that is residing in proximity to FG loop (probably BC or C'E loop). CD16 is a low affinity receptor for aggregated IgG (FcγRIII antigen). The antibody MEM-154 reacts with CD16+ granulocytes, and it can be used for mapping CD16-158V/F polymorphism on NK cells, as it requires presence of V at amino acid 158.
Other names	FcγRIII, IGFR3, FCRIII
Workshop	HLDA V: WS Code M MA068; HLDA V: WS Code NK NK51
Immunogen	Human granulocytes

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Concentration	1 mg/ml
Preparation	Purified by protein-A affinity chromatography.
Formulation	Phosphate buffered saline (PBS), pH 7.4
Storage and handling	Store at 2-8°C. Do not freeze.

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Images and References	<a href="http://www.exbio.cz">www.exbio.cz</a>
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