

Technical Data Sheet

Product	<b>Anti-Hu CD65 Pacific Blue™</b>
Cat. Number/Size	<b>PB-793-T100</b> <b>100 tests</b>
	<b>For Research Use Only.</b>
	<b>Not for use in diagnostic or therapeutic procedures.</b>

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Antigen	CD65
Clone	VIM8
Format	Pacific Blue™
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 <sup>6</sup> cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.
Excitation laser	violet (405 nm)
Isotype	Mouse IgM
Specificity	The mouse monoclonal antibody VIM8 recognizes human CD65, an asialo-fucoganglioside expressed on the surface of peripheral blood granulocytes (highly) and monocytes (weakly).
Other names	ceramide-dodecasaccharide, type II fucoganglioside
Workshop	HLDA II: WS Code M 27; HLDA III: WS Code M 261; HLDA IV: WS Code M 23; HLDA V: WS Code MA095, MA096; HLDA VI: WS Code MR12
Immunogen	THP-1 cell line

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Preparation	Purified antibody is conjugated with Pacific Blue™ NHS ester under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Formulation	Stabilizing MES buffered saline, pH 5.5, 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	<a href="http://www.exbio.cz">www.exbio.cz</a>
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