

Technical Data Sheet

Product	<b>Anti-Hu LOX1 PE</b>
Cat. Number/Size	<b>1P-929-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	LOX1
Clone	15C4
Format	PE
Reactivity	Human
Application	FC (QC tested)
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Excitation laser	blue (488 nm)
Isotype	Mouse IgG2a kappa
Specificity	The mouse monoclonal antibody 15C4 recognizes an extracellular epitope of LOX1, a C-type lectin transmembrane protein.
Other names	OLR1, SLOX1, SCARE1, CLEC8A
Immunogen	fusion protein of human LOX1 ectodomain and of human IgG Fc
Entrez Gene ID	4973
Gene name	OLR1
NCBI Full Gene Name	oxidized low density lipoprotein receptor 1
UniProt ID	P78380

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Preparation	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. 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.

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