.EXBIO Praha, a.s. • Nad Safinou II 341 • 252 50 Vestec • Czech Republic
info@exbio.cz • technical@exbio.cz • orders@exbio.cz • www.exbio.cz

Technical Data Sheet

Product	**Anti-Hu CD255 PE**
Cat. Number/Size	**1P-756-T025** **25 tests** **1P-756-T100** **100 tests**
	For Research Use Only.
	Not for use in diagnostic or therapeutic procedures.

Antigen	CD255
Clone	CARL-1
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 10^6 cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Excitation laser	blue (488 nm)
Isotype	Mouse IgG3 kappa
Specificity	The mouse monoclonal antibody CARL-1 recognizes an extracellular epitope of CD255 / TWEAK, a type II transmembrane protein of the TNF superfamily able to induce apoptosis weakly in many cell types.
Other names	TNFSF12, APO3L, DR3LG, TWEAK, TNLG4A
Immunogen	human CD255-transfected 2PK-3 cells
Entrez Gene ID	8742
Gene name	TNFSF12
NCBI Full Gene Name	TNF superfamily member 12
UniProt ID	O43508

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.

Images and References	www.exbio.cz

Revision date: 2025-01-02