

Technical Data Sheet

Product

**Anti-Ms CD45 APC**

Cat. Number/Size

**1A-553-C025**

**0.025 mg**

**1A-553-C100**

**0.1 mg**

**For Research Use Only.**

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

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Antigen	CD45
Clone	EM-05
Format	APC
Reactivity	Mouse
Application	FC (QC tested)
Application details	Flow cytometry: Recommended dilution: 1-2 µg/ml; positive control: murine peripheral blood leukocytes.
Excitation laser	red (633 nm)
Isotype	Rat IgG
Specificity	The rat monoclonal antibody EM-05 reacts with an extracellular epitope of murine CD45 antigen (Leukocyte Common Antigen), a single chain type I transmembrane protein expressed at high level on cells of hematopoietic origin, except erythrocytes and platelets.
Other names	LCA, T200, LY5, GP180, TPC
Immunogen	Murine peripheral blood leukocytes
Entrez Gene ID	19264
Gene name	Ptprc
NCBI Full Gene Name	protein tyrosine phosphatase, receptor type, C
UniProt ID	Q8C6Q7

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Concentration	0.5 mg/ml
Preparation	Purified antibody is conjugated with activated allophycocyanin (APC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Formulation	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 [www.exbio.cz](http://www.exbio.cz)

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