

Technical Data Sheet

Product

**Anti-Ms CD105 PE**

Cat. Number/Size

**1P-714-C025**

**0.025 mg**

**1P-714-C100**

**0.1 mg**

**For Research Use Only.**

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

Antigen

CD105

Clone

MJ7/18

Format

PE

Reactivity

Mouse

Application

FC (QC tested)

Application details

Flow cytometry: Recommended dilution: 1-5 µg/ml.

Excitation laser

blue (488 nm)

Isotype

Rat IgG2a kappa

Specificity

The rat monoclonal antibody MJ7/18 reacts with an extracellular epitope of CD105 (Endoglin), a 90 kDa type I homodimerizing membrane glycoprotein expressed on vascular endothelial cells (small and large vessels), activated monocytes and tissue macrophages, stromal cells of certain tissues including bone marrow, pre-B lymphocytes in fetal marrow and erythroid precursors in fetal and adult bone marrow.

Other names

Endoglin, END, ENG

Immunogen

Inflamed mouse skin

Entrez Gene ID

13805

Gene name

Eng

NCBI Full Gene Name

endoglin

UniProt ID

Q63961

Concentration

0.5 mg/ml

Preparation

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

Images and References

[www.exbio.cz](http://www.exbio.cz)

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