

Technical Data Sheet

Product Anti-PSMA PE

Cat. Number/Size 1P-539-C025 0.025 mg

1P-539-C100 0.1 mg

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen PSMA
Clone GCP-05
Format PE
Reactivity Human

Application FC (QC tested)

Application details Flow cytometry: Recommended dilution: 5 µg/ml.

Excitation laser blue (488 nm)
Isotype Mouse IgG1

Specificity The mouse monoclonal antibody GCP-05 recognizes extracellular domain (preferentially in native form) of

 $glutamate\ carboxypeptidase\ II\ (NAALADase,\ FOLH1,\ PSMA),\ an\ approximately\ 95-110\ kDa\ transmembrane$

glycoprotein expressed mainly in tumour neovasculatures, nervous system and jejunum, which is an

important prostate tumour marker.

Other names GCP2, FOLH1, NAALADase I, PGGCP, FGGCP, FGCP,

Immunogen amino acids 44-750 of human GCPII

Entrez Gene ID 2346
Gene name LOLH1

NCBI Full Gene Name folate hydrolase 1

UniProt ID Q04609

Concentration 0.1 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 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

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