

Technical Data Sheet

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| Product | Anti-PSMA Alexa Fluor[®] 488 | |
| Cat. Number/Size | A4-539-C025 | 0.025 mg |
| | A4-539-C100 | 0.1 mg |
| | For Research Use Only. | |
| | Not for use in diagnostic or therapeutic procedures. | |

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| Antigen | PSMA |
| Clone | GCP-05 |
| Format | Alexa Fluor [®] 488 |
| Reactivity | Human |
| Application | FC (QC tested), ICC |
| 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 |

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| Concentration | 1 mg/ml |
| Preparation | Purified antibody is conjugated with Alexa Fluor [®] 488 NHS ester 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. |

Images and References www.exbio.cz

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