



Technical Data Sheet

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.		

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
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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