



Technical Data Sheet

Product	Anti-Cytokeratin 18 Alexa Fluor® 488	
Cat. Number/Size	A4-106-C025	0.025 mg
	A4-106-C100	0.1 mg
For Research Use Only.		
Not for use in diagnostic or therapeutic procedures.		

Antigen	Cytokeratin 18
Clone	C-04
Format	Alexa Fluor® 488
Reactivity	Mammalian
Application	FC (QC tested), WB, ICC
Application details	Flow cytometry: Recommended dilution: 3-12 µg/ml. Intracellular staining.
Excitation laser	blue (488 nm)
Isotype	Mouse IgG1
Specificity	The antibody C-04 reacts with cytokeratin 18 (45 kDa intracellular antigen), a member of intermediate filaments subfamily represented in epithelial tissues.
Other names	K18, CK18, CYK18, KRT18
Immunogen	Cytoskeleton preparation of epidermal carcinoma cell line A431.
Entrez Gene ID	3875
Gene name	KRT18
NCBI Full Gene Name	keratin 18
UniProt ID	P05783
Concentration	0.1 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	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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