

Technical Data Sheet

Product

**Anti-Cytokeratin 18 FITC**

Cat. Number/Size

**1F-107-C025**

**0.025 mg**

**1F-107-C100**

**0.1 mg**

**For Research Use Only.**

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

Antigen	Cytokeratin 18
Clone	DC-10
Format	FITC
Reactivity	Human
Negative species	Dog, Mouse, Rat, Pig, Hamster, Sheep, Cow
Application	FC (QC tested)
Application details	Flow cytometry: Recommended dilution: 1-5 µg/ml. Intracellular staining.
Excitation laser	blue (488 nm)
Isotype	Mouse IgG1
Specificity	The mouse monoclonal antibody DC-10 reacts with cytokeratin 18 (45 kDa). Cytokeratins are members of intermediate filaments subfamily of intracellular proteins, represented in epithelial tissues.
Other names	K18, CK18, CYK18, KRT18
Immunogen	Human breast carcinoma cell line PMC-42.
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 fluorescein isothiocyanate (FITC) 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](http://www.exbio.cz)

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