

Technical Data Sheet

Product	<b>Anti-Cytokeratin 18 Biotin</b>	
Cat. Number/Size	<b>1B-106-C025</b>	<b>0.025 mg</b>
	<b>1B-106-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

---

Antigen	Cytokeratin 18
Clone	C-04
Format	Biotin
Reactivity	Mammalian
Application	IHC(P), FC (QC tested), IP, WB, ICC, ELISA
Application details	Flow cytometry: Recommended dilution: 1-4 µg/ml. Intracellular staining. Western blotting: Recommended dilution: 1-2 µg/ml.
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	1 mg/ml
Preparation	Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin 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. Do not freeze.

---

Images and References [www.exbio.cz](http://www.exbio.cz)

---

The product is intended For Research Use Only. Diagnostic or therapeutic applications are strictly forbidden. Products shall not be used for resale or transfer to third parties either as a stand-alone product or as a manufacture component of another product without written consent of EXBIO Praha, a.s. EXBIO Praha, a.s. will not be held responsible for patent infringement or any other violations of intellectual property rights that may occur with the use of the products. Orders for all products are accepted subject to the Term and Conditions available at [www.exbio.cz](http://www.exbio.cz). EXBIO, EXBIO Logo, and all other trademarks are property of EXBIO Praha, a.s.