



	Technical Data Sheet	
Product	Anti-Cytokeratin 18 Purified	
Cat. Number/Size	11-107-C025	0.025 mg
	11-107-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	Cytokeratin 18	
Clone	DC-10	
Format	Purified	
Reactivity	Human	
Negative species	Dog, Mouse, Rat, Pig, Hamster, Sheep, Cow	
Application	FC-IC, IP, WB, IHC-P, ICC, ELISA	
Application details	Western blotting: Recommended dilution: 1-2 µg/ml. Immunohistochemistry (paraffin sections): Recommended dilution: 10 µg/ml; positive tissue: colon, skin. Immunocytochemistry: positive control: MCF-7 human breast adenocarcinoma cell line, HeLa human cervix carcinoma cell line. ELISA: Positive control: MCF-7 human breast adenocarcinoma cell line; the antibody DC-10 has been tested as the detection antibody in a sandwich ELISA for analysis of Cytokeratin 18 in combination with the antibody C-04 (cat. no. 11-106-C100). Flow cytometry: Recommended dilution: 1-4 µg/ml. Intracellular staining.	
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	1 mg/ml	
Preparation	Purified by protein-A affinity 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	

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. EXBIO, EXBIO Logo, and all other trademarks are property of EXBIO Praha, a.s.