



Technical Data Sheet

Product	<b>Anti-Cytokeratin 18 Biotin</b>	
Cat. Number/Size	<b>1B-107-C025</b>	<b>0.025 mg</b>
	<b>1B-107-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	DC-10	
Format	Biotin	
Reactivity	Human	
Negative species	Dog, Mouse, Rat, Pig, Hamster, Sheep, Cow	
Application	IP, WB, IHC-P, ICC, ELISA, FC (QC tested)	
Application details	Flow cytometry: Recommended dilution: 2-6 µg/ml. Intracellular staining. Western blotting: Recommended dilution: 1-2 µg/ml.	
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 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	<a href="http://www.exbio.cz">www.exbio.cz</a>	

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