

Technical Data Sheet

Product	<b>Anti-Cytokeratin 19 Biotin</b>	
Cat. Number/Size	<b>1B-120-C025</b>	<b>0.025 mg</b>
	<b>1B-120-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

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Antigen	Cytokeratin 19
Clone	A53-B/A2
Format	Biotin
Reactivity	Human
Application	IHC(P), FC (QC tested), IP, WB, ICC, ELISA
Application details	Flow cytometry: Recommended dilution: 1-5 µg/ml, intracellular staining. Western blotting: Recommended dilution: 1-2 µg/ml.
Isotype	Mouse IgG2a
Specificity	The mouse monoclonal antibody A53-B/A2 recognizes the rod domain of cytokeratin 19 (40 kDa), an intracellular antigen constituting intermediate cytoskeleton filaments. Cytokeratin 19 is not expressed in hepatocytes; it is often co-expressed with cytokeratin 7.
Other names	K19, CK19, CYK19, KRT19, K1CS
Immunogen	MCF-7 human breast adenocarcinoma cell line
Entrez Gene ID	3880
Gene name	KRT19
NCBI Full Gene Name	keratin 19
UniProt ID	P08727

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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.

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

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