



Technical Data Sheet

Product	Anti-Cytokeratin 19 Alexa Fluor® 488	
Cat. Number/Size	A4-120-C025	0.025 mg
	A4-120-C100	0.1 mg
For Research Use Only.		
Not for use in diagnostic or therapeutic procedures.		

Antigen	Cytokeratin 19
Clone	A53-B/A2
Format	Alexa Fluor® 488
Reactivity	Human
Application	FC (QC tested), WB, ICC
Application details	Flow cytometry: Recommended dilution: 1-5 µg/ml. Intracellular staining.
Excitation laser	blue (488 nm)
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
Concentration	0.1 mg/ml
Preparation	Purified antibody is conjugated with Alexa Fluor® 488 NHS ester 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

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