



	Technical Data Sheet	
Product	Anti-p53 FITC	
Cat. Number/Size	1F-114-C025	0.025 mg
	1F-114-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	p53	
Clone	BP53-12	
Format	FITC	
Reactivity	Human, Non-human primates	
Application	FC-IC (QC tested)	
Application details	Flow cytometry: Recommended dilution: 3 µg/ml. Intracellular staining.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG2a	
Specificity	The antibody BP53-12 recognizes a defined epitope (aa 16-25) on human p53, a 50 kDa intracellular tumour suppressor found in increased amounts in a wide variety of transformed cells; it is frequently mutated or inactivated in many types of cancer.	
Other names	BCC7, TRP53, TP53, LFS1	
Immunogen	Bacterially expressed full-length wild-type p53	
Entrez Gene ID	7157	
Gene name	TP53	
NCBI Full Gene Name	tumor protein p53	
UniProt ID	P04637	
Concentration	1 mg/ml	
Preparation	Purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions and unconjugated antibody and free fluorochrome 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. Protect from prolonged exposure to light. Do not freeze.	
Images and References	www.exbio.cz	

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