



	Technical Data Sheet	
Product	Anti-VCP FITC	
Cat. Number/Size	1F-300-T050	50 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	VCP	
Clone	Hs-14	
Format	FITC	
Reactivity	Mouse, Human	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 20 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 50 tests. Intraacrosomal staining.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgM	
Specificity	The antibody Hs-14 reacts with VCP (valosin-containing protein) a 220 kDa intra-acrosomal protein.	
Other names	TERA, CDC48	
Immunogen	Freshly ejaculated human sperms were washed in PBS and extracted in 3% acetic acid, 10% glycerol, 30 mM benzaminidine. The acid extract was dialyzed against 0.2% acetic acid and subsequently used for immunization.	
Entrez Gene ID	7415	
Gene name	VCP	
NCBI Full Gene Name	valosin containing protein	
UniProt ID	P55072	
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	Stabilizing Tris buffered saline (TBS), pH 8.0, 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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