

Technical Data Sheet

Product	Anti-VCP Purified	
Cat. Number/Size	11-300-C025	0.025 mg
	11-300-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	VCP
Clone	Hs-14
Format	Purified
Reactivity	Mouse, Human
Application	FC (QC tested), WB, ICC
Application details	Immunocytochemistry: Recommended dilution: 10 µg/ml, membrane permeabilization (acetone) is essential. The antibody Hs-14 is designed for quantitative immunofluorescence analysis of pathological sperms (excellent tool for laboratories of assisted reproduction when optimal method of fertilization is sought). Flow cytometry: Intraacrosomal staining; recommended dilution: 3-12 µg/ml.
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

Concentration	1 mg/ml
Preparation	Purified by sequential steps of physicochemical fractionation (differential precipitation and solid-phase chromatography methods).
Formulation	Tris buffered saline (TBS), pH 8.0, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Do not freeze.

Images and References	www.exbio.cz
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