

Technical Data Sheet

Product	<b>Anti-VCP Purified</b>	
Cat. Number/Size	<b>11-300-C025</b>	<b>0.025 mg</b>
	<b>11-300-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	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

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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.

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

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