

Monoclonal Antibody to Human intra- acrosomal protein

Catalog No.:	SM3114P
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
Host / Isotype:	Mouse / IgM
Recommended Isotype Controls:	SM13P
Clone:	Hs-14
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.
Applications:	Immunocytochemistry. 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). Membrane permeabilization (acetone) is essential. Western Blotting. Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	The antibody reacts with human intra-acrosomal protein (220 kDa). Purified from ascites by gel filtration and precipitation methods. Reacts with Human and Mouse
Storage:	Store at +4°C for 6 months. Do not freeze.
General Readings:	Tepla O. et al. In: In vitro Fertilization & Human Reproductive Genetics, ed. Monduzzi, Bologna, 107, (1999). Chladek D. et al. Czech Gynaecol. 65, 28 (2000). Peknicova J. et al. Am. J. Reprod. Immun