

BM5536**Monoclonal Antibody to Cylicin 1 - Supernatant**

Alternate names:	CYL, CYL1, CYLC1, Cylicin I, Multiple-band polypeptide I
Quantity:	5 ml
Background:	Cylicin 1 has a possible architectural role during spermatogenesis. May be involved in spermatid differentiation. Specific to late spermatogenesis.
Uniprot ID:	P35662
NCBI:	NP_776727.1
GeneID:	281737
Host / Isotype:	Mouse / IgG1
Clone:	Cal-22
Immunogen:	Calyx preparation from bovine sperm (according to Longo et al. 1987, JCB 122, 1105-1120)
Format:	State: Liquid Culture Supernatant
Applications:	Immunofluorescence Microscopy: Ready to use. <i>Incubation Time:</i> 1h at RT. Immunoblotting. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Especially useful in discrimination of morphologically altered "round-headed" spermatozoa. Multiple band proteins with Mr 63, 69 and 74 kDa
Species Reactivity:	Tested: Bovine.
Storage:	Store the antibody undiluted at 2-8°C. Shelf life: one year from despatch.
General Readings:	1. Hess H, Heid H, Franke WW. Molecular characterization of mammalian cylicin, a basic protein of the sperm head cytoskeleton. J Cell Biol. 1993 Sep;122(5):1043-52. PubMed PMID: 8354692. 2. Hess H, Heid H, Zimbelmann R, Franke WW. The protein complexity of the cytoskeleton of bovine and human sperm heads: the identification and characterization of cylicin II. Exp Cell Res. 1995 May;218(1):174-82. PubMed PMID: 7737358.