

Product datasheet for **BM5535**

Cylicin 1 (CYLC1) Mouse Monoclonal Antibody [Clone ID: Cal-144]

Product data:

Product Type:	Primary Antibodies
Clone Name:	Cal-144
Applications:	IF, WB
Recommended Dilution:	Immunofluorescence microscopy: Ready-to-use; 1h at RT. Immunoblotting.
Reactivity:	Bovine, Human
Host:	Mouse
Isotype:	IgM
Clonality:	Monoclonal
Immunogen:	Calyx preparation from bovine sperm (according to Longo et al. 1987, JCB 122, 1105-1120)
Specificity:	Especially useful in discrimination of morphologically altered "round-headed" spermatozoa. <u>Polypeptide(s) Reacting:</u> Bovine cylicin I (Mr 74.788, deduced from sequence analysis), a basic protein (IEP 10.55) of the sperm head cytoskeleton with Mr 58.000 on SDS-PAGE; Multiple band proteins with MW 58, 63, 69 and 74 kDa of calyx-associated polypeptides of bovine spermatozoa.
Formulation:	State: Supernatant State: Liquid culture supernatant
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Gene Name:	cylicin 1
Database Link:	Entrez Gene 1538 Human P35663
Background:	Cylicin 1 has a possible architectural role during spermatogenesis. May be involved in spermatid differentiation. Specific to late spermatogenesis.
Synonyms:	Cylicin I, CYLC1, CYL, CYL1



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