Product datasheet

anti-Cylicin I mouse monoclonal, Cal-144, supernatant

Short overview

Cat. No.	65142
Quantity	5 ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgM
Clone	Cal-144 (X 144.3.2)
Immunogen	Calyx preparation from bovine sperm (according to Longo et al. 1987, JCB 22, 1105-1120)
Formulation	Contains 0.09% sodium azide
Conjugate	Unconjugated
Purification	Hybridoma cell culture supernatant
Storage	Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
Intended use	Research use only
Application	ICC/IF, WB
Reactivity	Bovine, Human

Applications

Immunocytochemistry (ICC)	Ready-to-use
Western Blot (WB)	Assay dependent

Background

Especially useful in discrimination of morphologically altered "round-headed" spermatozoa.

Polypeptides reacting: 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.

Product images



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References

Publication	Species	Application
Hess, H., Heid, H. & Franke, W. W. Molecular characterization of mammalian cylicin, a basic protein of the sperm head cytoskeleton. J. Cell Biol. 122, 1043-52 (1993).	human	ICC-IF