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Multi-Epitope Cocktail to Nucleolar Organizer Region (NOR) / TCOF1

(Treacle Protein)

Clone Determination	X-11; X-19
Category	Mouse monoclonals
Immunoglobulin Subclass	Both IgG1
Purification/Form	Hybridoma culture supernatant
Antigen	Nuclear pore complex-lamina fraction of XLKE-A6 cells (cultured cell line derived from *Xenopus laevis*)
Description	The mabs represent marker for nucleolar organizer region (NOR), putatively staining the protein treacle (described as TCOF1, cf. Gonzales et al.)
Polypeptide(s) Reacting/ Specificity	Mr 240 kD band in SDS gels and lower molecular weight bands (e.g. 160 kD band, Gonzales et al.)
Antigen(s) Recognized in Species (tested so far)	Xenopus laevis; XLKE-A6; not with human, chicken, Ptk_2
Application	Immunofluorescence microscopy Immunoblotting (Western)
Working Dilution	Ready-to-use for immunohistochemistry
Incubation time	1 h at RT
Storage	At 2-8°C
Volume	5 mL (contains 0.09% NaN_3)

General Literature

Derenzini M, Romagniolo T, Mingazzini P, and Marinozzi V. Interphasic nucleolar organizer region distribution as a diagnostic parameter to differentiate benign from malignant epithelial tumors of human intestine. Virchows Archiv B Cell Pathol 54:334-340 (1988)

Thiry M, Ploton D, Menager M, and Goessens G. Ultrastructural distribution of DANN within the nucleolus of various animal cell lines or tissues revealed by terminal deoxynucleotidyl transferase. Cell Tissue Res 271:33-45 (1993)

Gonzales B, Yang H, Henning D, Valdez BC: Cloning and functional characterization of the Xenopus orthologue of the Treacher Collins syndrome (TCOF1) gene product. Gene 359, 73-80 (2005)

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