



## Mab to Nucleoplasmic Protein AND-1

<b>Clone Determination</b>	23-5-14
<b>Category</b>	Mouse monoclonal
<b>Immunoglobulin Subclass</b>	IgG <sub>1</sub>
<b>Purification/Form</b>	Cell culture supernatant concentrate
<b>Immunogen</b>	Nuclear fraction prepared from <i>Xenopus laevis</i> oocytes
<b>Description / Specificity</b>	The antibody recognizes a 125 kD nucleoplasmic protein (AND-1, <u>a</u> cidic <u>n</u> ucleoplasmic <u>D</u> NA-binding protein) in <i>Xenopus</i> . Immunolocalization studies showed a dispersed, finely granular distribution pattern throughout the nucleoplasm.
<b>Antigen(s) Recognized in Species (tested so far)</b>	<i>Xenopus laevis</i> , <i>Xenopus borealis</i> ; No cross-reactivity with other higher vertebrates
<b>Application</b>	Immunofluorescence microscopy on frozen sections (fixation with paraformaldehyde is recommended) Immunoblotting (Western) Immunoprecipitation
<b>Working Dilution</b>	1:300 - 1:500 for immunohistochemistry 1:3000 for Western blot (ECL method)
<b>Incubation time</b>	1 h at RT
<b>Storage</b>	At 2-8°C
<b>Volume</b>	250µl (contains 0.09% NaN <sub>3</sub> )

### References

Köhler A, Schmidt-Zachmann MS, Franke WW. AND-1, a natural chimeric DNA-binding protein, combines an HMG-box with regulatory WD-repeats. *J.Cell Sci.* 110, 1051-1062 (1997).

Cat. No. 652127