



Mab to DNA

Clone Determination	AC-30-10
Category	Mouse monoclonal
Immunoglobulin Class	IgM
Purification	Gel filtration
Antigen	Double- and single-stranded DNA
Specificity	AC-30-10 is a reliable positive control in assays for detection of DNA antibodies, especially for the detection of autoantibodies in autoimmune diseases. It can also be used for sensitive detection of mycoplasma contamination in cell cultures.
Binding characteristics	Reacts with all forms of native and denatured DNA; reactive also with lambda DNA and synthetic DNA
Application	<ul style="list-style-type: none">- Suitable for immunohistochemistry on frozen and paraffin-embedded tissue- Cell culture- Dot blot on nitrocellulose membrane (after baking at 70°C)
Antigen recognized in species (tested so far)	All DNA-containing species
Reactivities on cultured cell lines (tested so far)	XLKE-A6 (Xenopus), RVF-SMC, PTK-2, HeLa
Reconstitution	Reconstitute in 1 ml dist. water (final solution contains 0.09 % sodium azide, 0.5% BSA in PBS buffer, pH 7.4)
Working Dilution	After reconstitution with 1 ml distilled water, dilute further 1:10 with PBS pH 7.4 for histochemical applications
Stability/Storage	At 2-8°C one year after reconstitution.
Incubation Time	1h at RT
Quantity	100 µg (lyoph.)

References

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