

BPDE-DNA antibody [5D11]

Cat. No. GTX54510

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	ICC/IF, IHC-P, FCM, IP, ELISA
Reactivity	Species independent

References (2)

Package

50 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
ICC/IF	Assay dependent
IHC-P	Assay dependent
FCM	Assay dependent
IP	Assay dependent
ELISA	Assay dependent

Note : 5 µm sections were RNase and prot-K treated. DNA was denatured with 4N HCl and neutralized with 50mM Tris base. Section was blocked with 1.5% normal horse serum.

Washed sperm was fixed in 2% paraformaldehyde and permeabilized with 0.2% triton x-100/0.1% sodium citrate. Samples were treated with protK and RNase. To denature DNA samples were incubated with 4n HCl. After blocking with 5% normal serum samples were incubated with mAb.

Plates were coated with 50 ng/well BPDE-DNA in 50mM Tris-buffer pH7.5 o/n at 4°C. Plates were blocked 1% FCS. DNA samples, 4µg, were mixed with 5D11 and added to the well. Detection with GαMs-IgG-AP for 90 mins at 37°C.

Not tested in other applications.

Properties

Form	Liquid
Buffer	Filter-sterilized PBS, 0.1% BSA
Preservative	0.02% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
Concentration	100 µg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	BPDE-I-DNA complexed with methylated BSA
Purification	Purified IgG2a
Conjugation	Unconjugated



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