

5-Methylcytosine / 5-mC antibody

Cat. No. GTX128455

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	Dot, EM, MeDIP
Reactivity	Species independent

References (2)

★★★★★ Review (1)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
Dot	Assay dependent
EM	Assay dependent
MeDIP	Assay dependent

Not tested in other applications.

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	7.55 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	The immunogen used to generate this antibody corresponds to 5-MethylCytosine / 5-mC
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

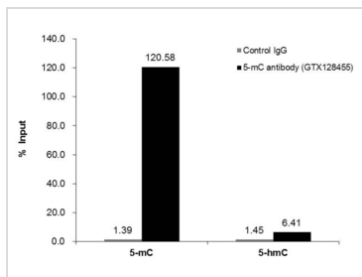
Note

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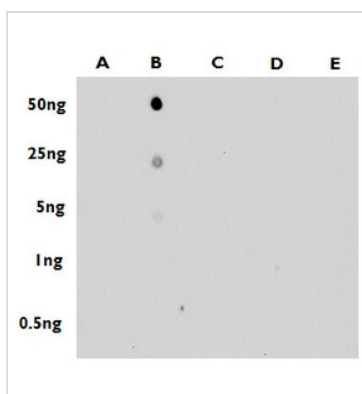
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DATA IMAGES

**GTX128455 MeDIP Image**

GTX128455 5-Methylcytosine/ 5-mC antibody in MeDIP experiment.

Human genomic DNA (150 ng) mixed with methylated cytosine standard kit (GTX400004) were subjected to MeDIP with 5-Methylcytosine/ 5-mC antibody (GTX128455) at dilution of 1:2000 and analyzed with semi-quantitative PCR. The immunoprecipitated DNA was plotted as % of input DNA.

**GTX128455 Dot Image**

GTX128455 5-methylcytosine antibody Dot blot analysis of anti-5-mC antibody with the synthetic DNA controls (GTX400004). DNA samples (0.5 to 50 ng) were spotted onto positively charged nylon membrane and blotted with 5-mC antibody (GTX128455) at a dilution of 1:4000.

A: Unmethylated DNA

B: DNA containing 5-methylcytosine

C: DNA containing 5-hydroxymethylcytosine

D: DNA containing 5-formylcytosine

E: DNA containing 5-carboxylcytosine



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