

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 |

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Note

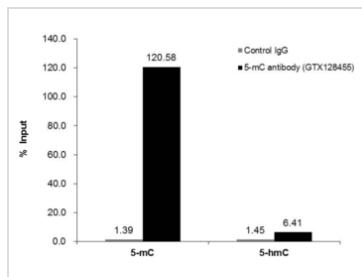
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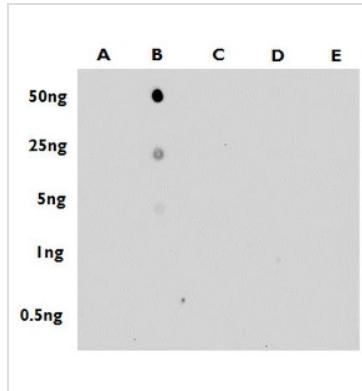
DATA IMAGES



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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