

## 5-Methylcytosine / 5-mC antibody [33D3]

Cat. No. GTX75897

|             |   |
|-------------|---|
| Host        | Mouse   |
| Clonality   | Monoclonal  |
| Isotype     | IgG1  |
| Application | ICC/IF, IHC-P, IHC-Fr, FACS, ELISA, Immunoblotting, MeDIP |
| Reactivity  | Species independent                                       |

Reference ( 5 )

Package

50 µg

## APPLICATION

## Application Note

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

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| ICC/IF             | Assay dependent      |
| IHC-P              | Assay dependent      |
| IHC-Fr             | Assay dependent      |
| FACS               | Assay dependent      |
| ELISA              | Assay dependent      |
| Immunoblotting     | Assay dependent      |
| MeDIP              | Assay dependent      |

Not tested in other applications.

## Product Note

This antibody recognizes 5-Methylcytosine. Clone 33D3 is specific to the methylated base and has minimal reactivity to non-methylated cytidine or cytosine (Reynaudet al.1992).

## PROPERTIES

|               |  |
|---------------|--|
| Form          | Liquid   |
| Buffer        | PBS  |
| Preservative  | 0.01% Thimerosal   |
| 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 | 1.0 mg/ml (Please refer to the vial label for the specific concentration.)   |
| Purification  | Purified IgG   |
| Conjugation   | Unconjugated   |

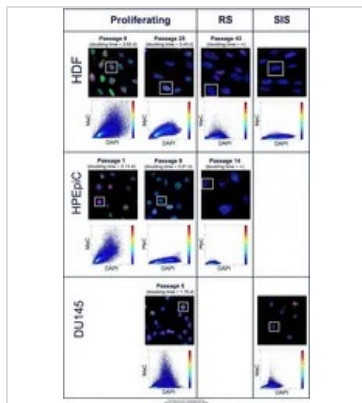


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**Note**

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**DATA IMAGES**

**GTx75897 ICC/IF Image**

The data was published in the journal Oncotarget in 2013. [PMID: 23562889](https://pubmed.ncbi.nlm.nih.gov/23562889/)



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