

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

Cat. No. GTX75897

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

References (5)

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
IHC-Fr	Assay dependent
FCM	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



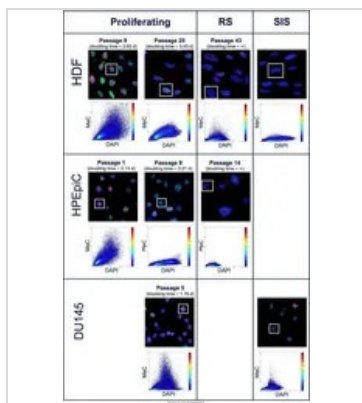
For full product information, images and publications, please visit our [website](#).

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

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/)



For full product information, images and publications, please visit our [website](https://www.genetex.com/).