

5-hydroxymethylcytosine Monoclonal Antibody (3I7)

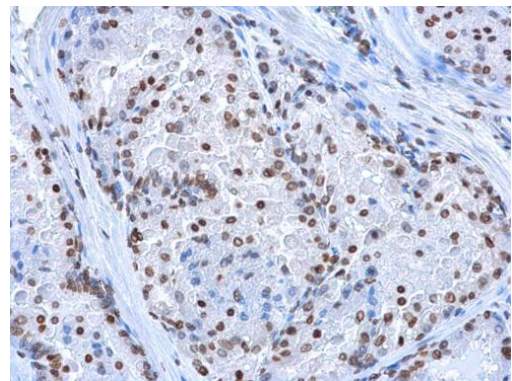
Product Details	
Size	100 µL
Species Reactivity	Chemical
Host/Isotype	Mouse / IgG2b
Class	Monoclonal
Type	Antibody
Clone	3I7
Conjugate	Unconjugated
Immunogen	5-HydroxymethylCytosine / 5-hmC
Form	Liquid
Concentration	0.81 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS
Contains	no preservative
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2610634

Applications	Tested Dilution	Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunohistochemistry (Frozen) (IHC (F))	Assay-dependent	-
Peptide array (Array)	Assay-dependent	-
Dot blot (DB)	Assay-dependent	-
Immunomicroscopy (IM)	Assay-dependent	-
Methylated DNA Immunoprecipitation (MeDIP)	Assay-dependent	-

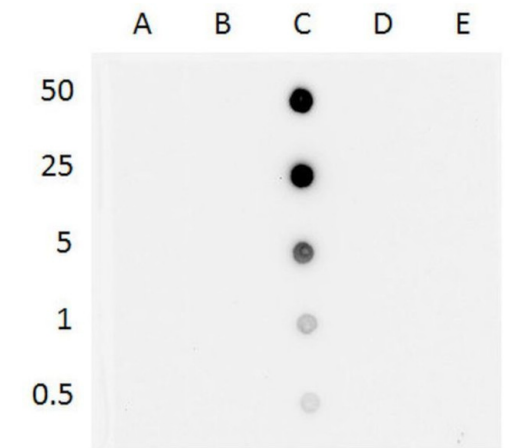
Product Specific Information

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

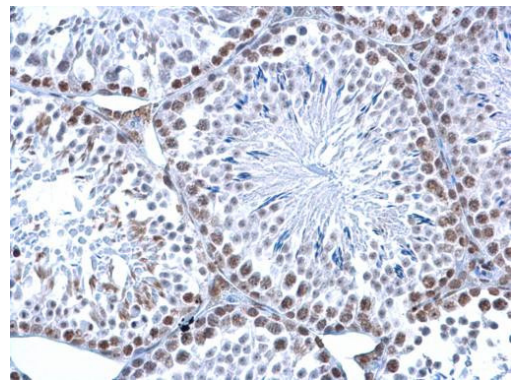
Product Images For 5-hydroxymethylcytosine Monoclonal Antibody (3I7)



5-hydroxymethylcytosine Antibody (MA5-23525) in IHC (P)
5-HydroxymethylCytidine antibody [GT13612] detects 5-HydroxymethylCytidine protein at nucleus on mouse prostate by immunohistochemical analysis. Sample: Paraffin-embedded mouse prostate.5-HydroxymethylCytidine antibody [GT13612] (Product # MA5-23525) dilution: 1:100. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.



5-hydroxymethylcytosine Antibody (MA5-23525)
Dot blot analysis of 5-HydroxymethylCytosine using a 5-HydroxymethylCytosine monoclonal antibody (Product # MA5-23525) with synthetic DNA controls. DNA samples (0.5 to 50 ng as indicated) were spotted onto the positively charged nylon membrane and blotted with primary antibody at a dilution of 1:500. (A) Unmethylated DNA fragment (B) DNA fragment containing 5-methylcytosine (C) DNA fragment containing 5-hydroxymethylcytosine (D) DNA fragment containing 5-formylcytosine (E) DNA fragment containing 5-carboxylcytosine. {ARRAY}



5-hydroxymethylcytosine Antibody (MA5-23525) in IHC (P)
5-HydroxymethylCytidine antibody [GT13612] detects 5-HydroxymethylCytidine protein at nucleus on mouse testis by immunohistochemical analysis. Sample: Paraffin-embedded mouse testis.5-HydroxymethylCytidine antibody [GT13612] (Product # MA5-23525) dilution: 1:100. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.

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