

Anti-MECP2 Antibody

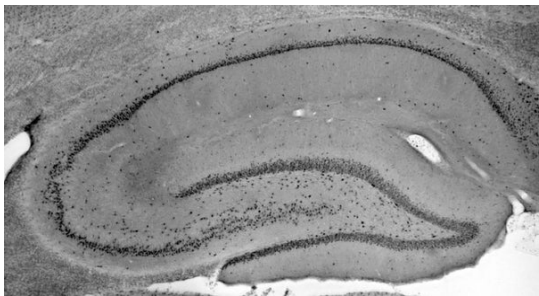


Product Details

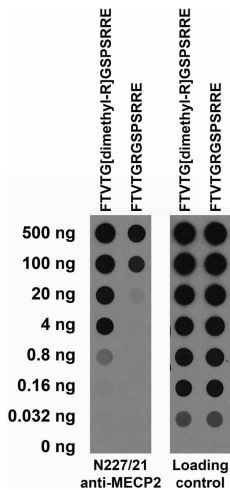
Available Variants	100 µL (SKU:75-273)
Conjugate	Unconjugated
Isotype	IgG1
Clone	N227/21
Gene Name	MECP2
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.125
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.
Applications	ELISA, IHC
Species Reactivity	Human, Mouse, Rat
Immunogen	Synthetic peptide amino acids 157-169 (FTVTG[dimethyl-R]GSPSRRE) of human MECP2 (accession number P51608)
Specificity	Reacts preferentially with dimethylated peptide than with unmethylated peptide
Molecular Weight	75 kDa
Quality Control	Each new lot of antibody is quality control tested by IHC on either rat or mouse brain and confirmed to give the expected staining pattern.

Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Antibody Registry ID	AB_11001583
UniProt ID	<u>P51608</u>
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

Product Images



Adult rat hippocampus immunohistochemistry.



Serial dilutions of BSA-conjugated modified and unmodified peptides dotted onto membrane and probed with N227/21 (left) and loading control (right) TC supe.



Created on 11. September 2026 | All information without guarantee