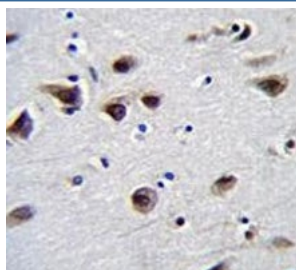


MeCP2 Antibody (F41828)

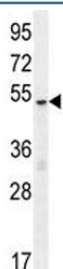
Catalog No.	Formulation	Size
F41828-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F41828-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

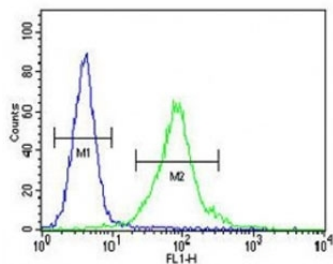
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rat, Primate
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P51608
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100 Flow Cytometry : 1:10-1:50
Limitations	This MeCP2 antibody is available for research use only.



MeCP2 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue.



MeCP2 antibody western blot analysis in MDA-MB435 lysate. Observed molecular weight: ~55 kDa and ~75 kDa.



MeCP2 antibody flow cytometric analysis of MDA-MB435 cells (green) compared to a [negative control](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1001001/) (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

MeCP2 is a chromosomal protein that binds to methylated DNA. It can bind specifically to a single methyl-CpG pair. It is not influenced by sequences flanking the methyl-CpGs. Mediates transcriptional repression through interaction with histone deacetylase and the corepressor SIN3A. Binds both 5-methylcytosine (5mC) and 5-hydroxymethylcytosine (5hmC)-containing DNA, with a preference for 5-methylcytosine (5mC). [UniProt]

Application Notes

Titration of the MeCP2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 58-87 from the human protein was used as the immunogen for this MeCP2 antibody.

Storage

Aliquot the MeCP2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.