

## Anti-MeCP2 (C-terminus) Antibody

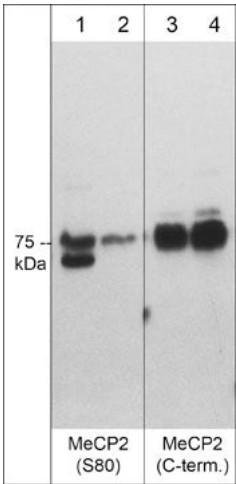


### Product Details

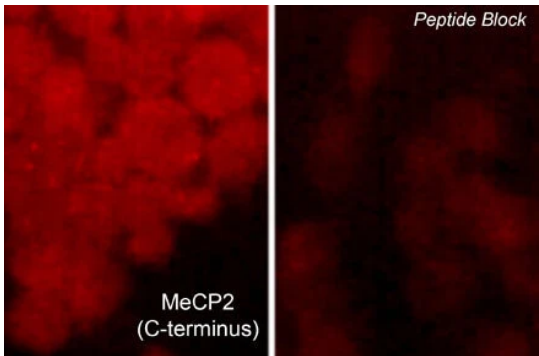
|                    |                                                                                                                                                                                                                                   |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Available Variants | 100 µL (SKU:MP4591)                                                                                                                                                                                                               |
| Conjugate          | Unconjugated                                                                                                                                                                                                                      |
| Isotype            | IgG                                                                                                                                                                                                                               |
| Gene Name          | MECP2                                                                                                                                                                                                                             |
| Host Species       | Rabbit                                                                                                                                                                                                                            |
| Format             | Antigen Affinity Purified                                                                                                                                                                                                         |
| Physical State     | Liquid                                                                                                                                                                                                                            |
| Buffer             | PBS + 1 mg/ml BSA, 0.05% NaN <sub>3</sub> and 50% glycerol                                                                                                                                                                        |
| Applications       | ELISA, ICC, WB                                                                                                                                                                                                                    |
| Dilution Ranges    | WB: 1:1000<br>ICC: 1:100                                                                                                                                                                                                          |
| Species Reactivity | Human, Mouse, Rat                                                                                                                                                                                                                 |
| Immunogen          | MeCP2 synthetic peptide (coupled to KLH) corresponding to amino acid residues at the C-terminus of mouse MeCP2. This peptide sequence is highly conserved in rat and human MeCP2, and has low homology to other nuclear proteins. |
| Specificity        | The antibody detects a 75 kDa* protein corresponding to the molecular mass of MeCP2 on SDS-PAGE immunoblots of human PC3 cells, rat PC12 cells, and mouse brain tissue.                                                           |
| Molecular Weight   | 75                                                                                                                                                                                                                                |
| Quality Control    | Western blots performed on each lot.                                                                                                                                                                                              |
| Storage            | Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.                                                                            |

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|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt ID        | <a href="#">Q9Z2D6</a>                                                                                                                                                 |
| Country of Origin | United States                                                                                                                                                          |
| Shipping          | Blue Ice                                                                                                                                                               |
| Expiration        | After date of receipt, stable for at least 1 year at -20°C.                                                                                                            |
| Usage Statement   | For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website. |

Product Images



Western blot of adult mouse brain tissue lysate. The blot lanes were untreated (lanes 1 & 3) or treated with lambda phosphatase (lanes 2 & 4) then probed with rabbit polyclonals anti-MeCP2 (Ser-80) (lanes 1 & 2) or anti-MeCP2 (C-terminus) (lanes 3 & 4).



Immunocytochemical labeling of MeCP2 in rat PC12 cells differentiated with NGF. The cells were probed with MeCP2 (C-terminus) rabbit polyclonal antibody (MP4591) in the absence (left) or presence (right) of blocking peptide (MX4595). The antibody was detected using appropriate secondary antibody conjugated to DyLight® 594.

Product Page URL: [www.antibodiesinc.com/products/anti-mecp2-c-terminus-antibody-mp4591](http://www.antibodiesinc.com/products/anti-mecp2-c-terminus-antibody-mp4591)

