

## Product Information

**Size:**

50ul

**Protein Background:**

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).

**Reactivity:**

Human

**Source:**

Rabbit

**Gene ID:**

MECP2

**Isotype:**

IgG

**Uniprot**

P51608

**Applications:**

ELISA, IHC

**Synonyms:**

Methyl-CpG-binding protein 2 (MeCp-2 protein) (MeCp2), MECP2

**Recommended dilutions:**

ELISA:1:2000-1:10000, IHC:1:20-1:200

**Immunogen:**

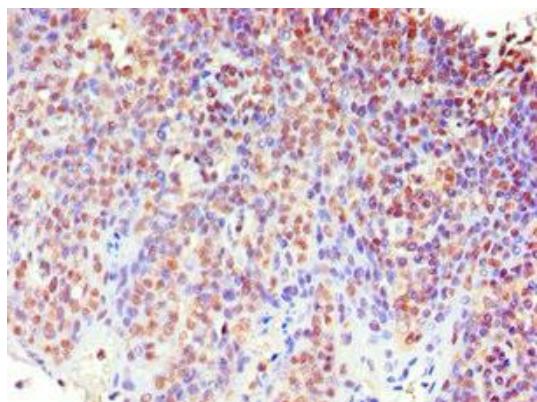
Recombinant Human Methyl-CpG-binding protein 2 protein (1-280AA).

**Storage:**

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Immunohistochemistry of paraffin-embedded human tonsil tissue using PACO43467 at dilution of 1:100.