

## Anti-N6-methyladenosine [17-3-4-1] Standard Size Ab00827-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors. Developed in partnership with Ximbio ([www.ximbio.com](http://www.ximbio.com)).

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Human IgG1, Fc Silent™, Lambda

**Clone Number:** 17-3-4-1

**Alternative Name(s) of Target:** m6A; N6-methyladenosine-5'-mono-phosphate

**UniProt Accession Number of Target Protein:**

**Published Application(s):** immunoblot, IP

**Published Species Reactivity:** Saccharomyces cerevisiae, Human, Mouse

**Immunogen:** This antibody was raised by immunising BALB/c mice with hapten N6-methyladenosine-5'-monophosphate conjugated to BSA

**Specificity:** This antibody is specific for N(6)-methyladenosine, a modified base found frequently in the mRNA of all higher eukaryotes and Saccharomyces cerevisiae. It recognises N(6)-methyladenosine 6A in single-stranded nucleic acids, including both DNA and RNA.

**Application Notes:** This antibody has been used in immunoprecipitation experiments to identify the presence of N(6)-methyladenosine within mRNA transcripts bound to oligo(dT) magnetic beads (Bodi et al, 2010). It has been characterised using immunoblot analysis (Bodi et al, 2010).

**Antibody First Published in:** Bodi et al. Yeast targets for mRNA methylation. Nucleic Acids Res. 2010 Sep;38(16):5327-35 [PMID:20421205](https://pubmed.ncbi.nlm.nih.gov/20421205/)

**Note on publication:** Describes the original generation and characterisation of this antibody.

### Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:**

PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.