

Anti-N6-methyladenosine [17-3-4-1] Standard Size Ab00827-10.0

Developed in partnership with Ximbio (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, 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.