

Anti-N6-methyladenosine [17-3-4-1] Standard Size Ab00827-1.1

Developed in partnership with Ximbio (www.ximbio.com).

Isotype and Format: Mouse 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.