

Anti-TK15 epitope tag [TK 15] Standard Size Ab00864-2.0

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

Isotype and Format: Mouse IgG2a, Kappa

Clone Number: TK 15

Alternative Name(s) of Target: TK-15 tag

UniProt Accession Number of Target Protein:

Published Application(s): IP, WB, IF

Published Species Reactivity: Xenopus laevis

Immunogen: Mice were injected with bacterially expressed full-length Xenopus laevis Orc1p, and spleen cells from three best-responding mice were used to generate antibody-producing hybridomas. Antibodies were screened by enzyme-linked immunosorbent assay and immunoprecipitation.

Specificity: Recognises recombinant proteins an eight amino acid TK15 tag at the carboxy terminus. Amino terminal and internal TK15 tags have not been tested.

Application Notes: This antibody was first used to isolate Xenopus origin recognition complex peptides (Tugal 1998) but can now be used for the purification and detection of recombinant fusion proteins incorporating a single eight amino acid TK15 tag.

Antibody First Published in: Tugal et al. The Orc4p and Orc5p Subunits of the Xenopus and Human Origin Recognition Complex Are Related to Orc1p and Cdc6p Biol Chem. 273(49):32421-9 (1998)

[PMID:9829972](#)

Note on publication: Outlines the purification of Xenopus ORC for characterization of ORC and the study of its interaction with DNA to look for DNA sequence specificity in origin function.

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.