

Anti-TK15 epitope tag [TK 15] Standard Size Ab00864-24.1

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

This chimeric goat antibody was made using the variable domain sequences of the original Mouse IgG2a format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Goat IgG, 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.