

Anti-His tag (C-term) [3D5] Standard Size Ab00101-1.4

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This reformatted mouse antibody was made using the variable domain sequences of the original Mouse IgG2b format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG1, Fc Silent™, Kappa

Clone Number: 3D5

Alternative Name(s) of Target: polyhistidine tag

UniProt Accession Number of Target Protein: n/a

Published Application(s): FACS, WB, ELISA, FC

Published Species Reactivity: n/a

Immunogen: Purified his tagged Fab fragment.

Specificity: This antibody binds to carboxy-terminal oligo-histidine tags (6x His tags) of fusion proteins. It also has affinity for internal His-tags but no affinity for N-terminal His-tags.

Application Notes: This antibody was successfully used for ELISA, WB, and FACS. Monomeric and dimeric scFv versions of the antibody were generated and described (Lindner et al., 1997; PMID: 8994661). The scFv version of this antibody was engineered into a lentiviral vector system to confer specificity for cells displaying the His tag on their surface, enabling targeted gene transfer into HT1080-anti-His cells (Friedel et al., 2015; PMID: 25715658). This antibody was used in FC to detect Canine IL-17A in Canine IL-17A-transfected HEK293 A cells (Akiyama et al., 2019; PMID: 30885301).

Antibody First Published in: Lindner P, Bauer K, Krebber A, Nieba L, Kremmer E, Krebber C, Honegger A, Klinger B, Mocikat R, Plückthun A. Specific detection of his-tagged proteins with recombinant anti-His tag scFv-phosphatase or scFv-phage fusions. Biotechniques. 1997 Jan;22(1):140-9. [PMID:8994661](#)

Note on publication: Describes the making of the antibody, shows it recognised carboxy-terminal oligo-histidine tags (His tags) of a wide variety of proteins in immuno-assays of cell lines with His tag amplifications.

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.