

Anti-Keratin 17 [A4] Standard Size Ab00405-1.4

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

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

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

Clone Number: A4

Alternative Name(s) of Target:

UniProt Accession Number of Target Protein: Q04695

Published Application(s): WB, ELISA, IHC

Published Species Reactivity: Human

Immunogen: Human keratin-17.

Specificity: Binds specifically to human keratin, no observed crossreactivity.

Application Notes: This antibody binds to human keratin (K17), which is involved in the formation of skin appendages, growth of hair follicles, regulation of protein synthesis, and epithelial cell growth through SFN-binding and mTOR-stimulation.

Antibody First Published in: Wang et al. Cloning and characterization of antikeratin human antibodies using a semisynthetic phage antibody library. Archives in Dermatological Research 2004; 296(6):270-277
[PMID:15340746](#)

Note on publication: Describes the use of a semisynthetic phage antibody library to generate antibodies against human keratin.

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.