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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Cytokeratin 14 [RCK107] Standard Size Ab03338-10.3

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

This is a reformatted human IgG1 Fc Silent Fc Silent™ antibody, based on the original human IgG1 format, created for improved compatibility with existing reagents, assays and techniques.

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

Clone Number: RCK107

Alternative Name(s) of Target: K14; CK-14; Keratin K14; Keratin type I cytoskeletal 14; Cytokeratin-14; Keratin-14

UniProt Accession Number of Target Protein: P02533

Published Application(s): WB, FC, IHC

Published Species Reactivity: canine, Rat, Swine, Human

Immunogen: The original antibody was generated by immunizing a mouse with a cytoskeletal preparation of TR146 epithelial cells.

Specificity: The antibody reacts exclusively with Cytokeratin 14 which is present in basal cell compartments of stratified and combined epithelia.

Application Notes: The antibody detected keratin-14 from cytoskeletal extracts were prepared from A431 and HaCaT cell cultures by western blot analysis. This antibody was used for immunohistochemistry studies of keratins on TR146, HaCaT and A431 cells. The antibody stained mostly basal (myoepithelial) cells (Wetzels et al., 1991; PMID: 1705754 and Smedts et al., 1992; PMID: 1379783). Further, the antibody stained mitochondria- rich cells (Spies et al., 1997; PMID: 9440221).

Antibody First Published in: Wetzels et al. Basal cell-specific and hyperproliferation-related keratins in human breast cancer Am J Pathol. 1991 Mar;138(3):751-63. [PMID:1705754](#)

Note on publication: The original paper describes the generation and characterization of the antibody.

Product Form

Size: 100 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.