



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-Cytokeratin 14 [RCK107] Bulk Size Ab03338-10.3-BT

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:** 1 mg Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**Supplied In:** PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without

added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.