



# 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

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## Anti-Basal cell Cytokeratin [RCK103] Standard Size Ab03334-10.3

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:** RCK103

**Alternative Name(s) of Target:** K5; CK-5; Keratin type II cytoskeletal 5; 58 kDa cytokeratin; Cytokeratin-5; Keratin-5; Type-II keratin Kb5

**UniProt Accession Number of Target Protein:** P13647

**Published Application(s):** FC, IHC

**Published Species Reactivity:** canine, Chicken, Guinea Pig, Hamster, Quail, Rabbit, Rat, Swine, Zebrafish, Human

**Immunogen:** The original antibody was generated by immunizing a BALB/c mouse with a mix of cell preparations containing human cytokeratins.

**Specificity:** The original antibody recognizes, among others, Cytokeratin 5. Cytokeratins are a subfamily of intermediate filament proteins and are characterized by a remarkable biochemical diversity, represented in Human epithelial tissues by at least 20 different polypeptides.

**Application Notes:** The antibody was employed for IHC staining of keratin in tumors and normal gland reserve cells (Vos et al., 1993; PMID: 8212457). Further, the antibody could stain the basal cell compartment in human prostate (Verhagen et al., 1992; PMID: 1384957). The antibody stained basal cells of the prostatic epithelium (Verhagen et al. 1988; PMID: 2458583).

**Antibody First Published in:** Feitz et al. Intermediate filament proteins as tissue specific markers in normal and malignant urological tissues J Urol. 1986 Oct;136(4):922-31. [PMID:3020261](#)

**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.