

Anti-Cytokeratin 5 and 8 [RCK102] Bulk Size Ab03335-23.0-BT

This is a chimeric rabbit IgG antibody, based on the original rabbit IgG1 format, created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Kappa

Clone Number: RCK102

Alternative Name(s) of Target: K5; CK-8; Keratin K5 + K8; Keratin, type II cytoskeletal 8; Cytokeratin-8; Keratin-8; K8; Type-II keratin Kb8; Keratin, type II cytoskeletal 5; 58 kDa cytokeratin; Cytokeratin-5; CK-5; Keratin-5; Type-II keratin Kb5

UniProt Accession Number of Target Protein: P05787; P13647

Published Application(s): WB, FC, IHC

Published Species Reactivity: canine, Feline, Hamster, Rabbit, Rat, Swine, Human, Mouse

Immunogen: The original antibody was generated by immunizing a mouse with cytokeratins from a Human lung cancer cell line (MR21).

Specificity: The original antibody binds to Cytokeratin 5 and 8.

Application Notes: The antibody recognized keratins 5 and 8, and as a result stained virtually all epithelial tissues. This antibody was used for immunohistochemistry on classic SCLC as well as the adenocarcinoma cell lines (Broers et al., 1986; PMID: 2433295). Further, endocervical columnar cells, cervical immature squamous metaplasia, cervical CIN I, CIN II and CIN III reacted with the antibody in immunohistochemistry (Smedts et al., 1990; PMID: 1690513). The antibody detected keratins 5 and 8 by western blot analysis on T 24, HeLa and KB cells (Ramaekers et al., 1987; PMID: 2436934).

Antibody First Published in: Broers et al. Intermediate filament proteins in classic and variant types of small cell lung carcinoma cell lines: a biochemical and immunochemical analysis using a panel of monoclonal and polyclonal antibodies J Cell Sci. 1986 Jul;83:37-60. doi: 10.1242/jcs.83.1.37. [PMID:2433295](#)

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.