

Anti-Vimentin [RV203] Bulk Size Ab03357-10.3-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: RV203

Alternative Name(s) of Target:

UniProt Accession Number of Target Protein: P08670

Published Application(s): ICC, WB, FC, IHC

Published Species Reactivity: canine, Caprine, Hamster, Rat, Swine, Human

Immunogen: The original antibody was generated by immunizing a BALB/c mouse with a cytoskeletal vimentin extract of calf lens.

Specificity: The antibody reacts exclusively with vimentin, which is expressed in mesenchymal cells and mesenchymal derived tumors e.g. lymphoma, sarcoma and melanoma.

Application Notes: The antibody detected vimentin on cytoskeletal extracts of bovine lens, BHK-21 and HeLa cells by western blot analysis. The antibody detected vimentin on connective tissue fibroblasts of hamster tongue, polygonal BHK-21/C13 cells and elongated BHK-21 cells by immunohistochemistry (Schaart et al., 1991; PMID: 2065865).

Antibody First Published in: Schaart et al. Baby hamster kidney (BHK-21/C13) cells can express striated muscle type proteins Differentiation. 1991 Mar;46(2):105-15. [PMID:2065865](#)

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.