

Anti-Desmin [RD301] Bulk Size Ab03342-3.0-BT

Isotype and Format: Mouse IgG2b, Kappa

Clone Number: RD301

Alternative Name(s) of Target:

UniProt Accession Number of Target Protein: P17661

Published Application(s): ICC, WB, IHC

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

Immunogen: The original antibody was generated by immunizing a mouse with a cytoskeletal extract of Chicken gizzard.

Specificity: The antibody is specific for desmin. Desmin is a 53 kDa intermediate filament protein that exhibits a high degree of tissue specificity, its expression being predominantly confined to all types of muscle cells (cardiac, skeletal and smooth muscle).

Application Notes: The antibody detected desmin in western blot analysis. The original antibody showed staining pattern of desmin in BHK cells (Quax et al., 1985; PMID: 3855248). The antibody stained desmin on smooth muscle cells of rat prostatic tissue by indirect immunofluorescence (Verhagen et al., 1988; PMID: 2458583).

Antibody First Published in: Quax et al. Characterization of the hamster desmin gene: expression and formation of desmin filaments in nonmuscle cells after gene transfer Cell. 1985 Nov;43(1):327-38.

[PMID:3855248](#)

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.