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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-KRT19 [KE9] Standard Size Ab03086-10.159

This chimeric human antibody was made using the variable domain sequences of the original VHH format for improved compatibility with existing reagents assays and techniques.

Isotype and Format: Human IgG1-Fc fusion

Clone Number: KE9

Alternative Name(s) of Target: Keratin-19; K19; CK-19; Cytokeratin-19; Keratin type I cytoskeletal 19

UniProt Accession Number of Target Protein: P08727

Published Application(s): IP, ELISA, IHC

Published Species Reactivity: Human

Immunogen: This antibody was raised panning against a library created by immunizing llamas with either breast cancer biopsy lysates.

Specificity: This antibody is specific for human KRT19. KRT19 is involved in the organization of myofibers. Together with KRT8, helps to link the contractile apparatus to dystrophin at the costameres of striated muscle.

Application Notes: To help identify the target of this antibody immunoprecipitation was performed on T47D cells using the VHH version of this antibody bound to streptavidin beads. Further the ability of this antibody to be used for breast cancer research was assayed using immunohistochemistry. In short, breast cancer tissue was stained using the VHH version of this antibody. Finally to characterize this antibody. An ELISA was performed using the VHH version of this antibody on KRT19 (Even-Desrumeaux et al, 2012; PMID:22772166).

Antibody First Published in: Desrumeaux et al. Single-domain antibodies: a versatile and rich source of binders for breast cancer diagnostic approaches. Mol Biosyst. 2012 Sep;8(9):2385-94. [PMID:22772166](#)

Note on publication: phage display libraries from animals immunized with breast cancer biopsies were generated. These libraries were used to isolate sdAbs against known and relevant antigens such as HER2, or several cancer-specific sdAbs against unknown targets.

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.