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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-P-Cadherin [6A9] Standard Size Ab02535-10.3

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: 6A9

Alternative Name(s) of Target: Cadherin 3 type 1; Cadherin-3; Cadp; Calcium dependent adhesion protein placental; CDH3; CDHP; HJMD; P-cadherin (Placental); PCAD; Placental cadherin

UniProt Accession Number of Target Protein: P22223

Published Application(s): IP, WB, IF, IHC

Published Species Reactivity: Human

Immunogen: The original antibody was generated by immunizing mice against a 72-kilodalton (kDa) P-cadherin fragment from A-431 cells.

Specificity: The antibody is specific for P-Cadherin-1 (CDH3). P-Cadherin-1 is a calcium-dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail.

Application Notes: The antibody detected human P-Cadherin from A431 cell lysate by Western blot analysis. The antibody was used to immunoprecipitate P-Cadherin. Further, the antibody was shown to have inhibitory activity, by disrupting P-cadherin-mediated cell-cell adhesion with A-431 cells (Lewis et al., 1994; PMID: 8006450). The antibody detected P-cadherin by immunofluorescence (Owens et al., 2000; PMID: 10708559).

Antibody First Published in: Lewis et al. Cadherin function is required for human keratinocytes to assemble desmosomes and stratify in response to calcium *J Invest Dermatol.* 1994 Jun;102(6):870-7.

[PMID:8006450](#)

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.