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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-Prolactin [2C10D5H11] Standard Size Ab03403-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG1 format for improved compatibility with existing reagents assays and techniques.

Isotype and Format: Human IgG1, Fc Silent™, Kappa

Clone Number: 2C10D5H11

Alternative Name(s) of Target: CGMCC NO.22311; Prolactin

UniProt Accession Number of Target Protein: P01236

Published Application(s): WB, ELISA, IHC

Published Species Reactivity: Human

Immunogen: The original antibody was generated by immunizing mice with PRL.

Specificity: The antibody is specific for PRL. Prolactin is a protein hormone secreted by eosinophils in the anterior pituitary and placenta, and is also an anterior pituitary peptide hormone necessary for successful reproduction. PRL is a polypeptide hormone encoded by a single gene. Its chemical structure is very similar to that of growth hormone, and both belong to the family of hematopoietic factors.

Application Notes: The antibody specifically detected PRL by Western blot analysis. The antibody 2C10D5H11 and a commercial rabbit polyclonal antibody were used to stain pituitary tumor. Results showed the antibody specificity is comparable to the commercial antibody. Further, the sensitivity of the antibody 2C10D5H11 was higher than the commercial antibody. The antibody and a commercially available rabbit polyclonal antibody were simultaneously detected on the normal tissue chip, indicating that the specificity of the antibody in normal tissue was equivalent to that of the commercially available antibody (CN113956356A).

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size: 200 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.