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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-24P4C12 proteins [Ha5-1(5)2.1] Standard Size Ab04095-10.3

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 IgG2 format, created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, [Fc Silent™](#), Kappa

Clone Number: Ha5-1(5)2.1

Alternative Name(s) of Target:

UniProt Accession Number of Target Protein:

Published Application(s): FC

Published Species Reactivity: Human

Immunogen: The original antibody was generated by immunizing of human $\gamma 2$ producing XenoMice with RAT(E)-24P4C12 cells.

Specificity: This antibody specifically binds to recombinant 24P4C12 expressing cells (PC3-24P4C12) and multiple cancer cell lines expressing 24P4C12.

Application Notes: This antibody was capable of binding cells expressing 24P4C12 proteins on their surface in a flow cytometric assay. This antibody can be used in the development of an antibody-drug conjugate for targeted delivery of toxins to cancerous cells. The cytotoxicity of Ha5-1(5)2.1-vcMMAE antibody-drug conjugates was evaluated in PC3 cells engineered to express 24P4C12 and it was reported that it can selectively deliver a cytotoxic drug to 24P4C12 expressing cells leading to their killing. Ha5-1(5)2.1vcMMAE also inhibited the growth of subcutaneous and orthotopically established human androgen-independent prostate cancer xenograft in SCID mice (US8309093).

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

Note on publication:

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.