



# SZABO SCANDIC

Part of Europa Biosite

## 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

### SZABO-SCANDIC HandelsgmbH

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## Anti-24P4C12 proteins [Ha5-1(5)2.1] Standard Size Ab04095-3.3

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 mouse IgG2b Fc Silent™ antibody, based on the original mouse IgG2 format, created for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Mouse IgG2b, [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.