



SZABO SCANDIC

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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-CEA [806.077] Standard Size Ab03925-10.3

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 IgG3 format, created for improved compatibility with existing reagents, assays and techniques.

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

Clone Number: 806.077

Alternative Name(s) of Target: carcinoembryonic antigen; Accession No. 96022936

UniProt Accession Number of Target Protein: Q13984

Published Application(s): in vivo, IHC

Published Species Reactivity: Human, Mouse

Immunogen: The original antibody was generated by immunizing BALB/C mice with CEA. The antibody was subsequently humanized.

Specificity: The antibody is selective for CEA, exhibiting no cross reactivity to granulocytes.

Application Notes: The antibody-CPG2 conjugate showed anti-tumour activity in an ADEPT model. The antibody was employed to screen human normal and tumour tissues using sensitive three-stage indirect immunohistology on acetone-fixed, frozen cryostat sections. Further, the reactivity of the antibody was compared against A5B7. The two antibodies showed comparable results in the following tumours: colon tumours, NSCLC tumours, gastric tumours. The anti-tumour activity of the F(ab')₂-CPG2 conjugate antibody was evaluated in combination with the prodrug N(4-[N,N-bis(2-chloroethyl)amino]-phenoxy-carbonyl)-L-glutamic acid in a human colorectal tumour xenograft model. The results demonstrated that the F(ab')₂-CPG2 conjugate antibody in combination with the PGP prodrug produced tumour regressions and prolonged growth delays which were statistically significant compared with control groups. The humanized version of the parental mouse antibody was also constructed (US6903203B2).

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.