



# 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-HCV E1 [5D2] Standard Size Ab03790-10.3

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:** 5D2

**Alternative Name(s) of Target:** HCV envelope protein 1; E1

**UniProt Accession Number of Target Protein:** P27958

**Published Application(s):** neutralizing, SPR, ELISA

**Published Species Reactivity:** Hepatitis C virus

**Immunogen:** The original antibody was generated by immunizing 2 NOD/SCID mice with the monoclonal antibody TMβ1, PBMC from a human donor and E1s.

**Specificity:** The antibody is specific for envelope protein 1 of Hepatitis C virus. The antibody recognizes an epitope in E1 represented by aa region 313-326.

**Application Notes:** The specificity of the Fab format of the antibody was confirmed by ELISA analysis. Further, the antibody was able to neutralize genotype 2a, 1a and 4a of HCV. The affinity of the antibody was measured using peptide IGP 2254 (ITGHRMAWDMMMNWS). Association and dissociation of this peptide to the immobilized antibody was measured using SPR (Kd= 0.06 nM) (US20090104207).

**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.