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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-HCV E1 [5D2] Standard Size Ab03790-1.1

Isotype and Format: Mouse IgG1, 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 (ITGHRMAWDMMMNS). 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.