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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-DR5 [Fab-BDF1] Standard Size Ab00427-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This reformatted human antibody was made using the variable domain sequences of the original human Fab format, for improved compatibility with existing reagents, assays and techniques.

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

Clone Number: Fab-BDF1

Alternative Name(s) of Target: Proapoptotic Death Receptor DR5; Death Receptor 5; TRAIL receptor 2; TRAILR2; Tumor Necrosis Factor Receptor Superfamily Meber 10B; TNFRSF10B

UniProt Accession Number of Target Protein: Q9BY82

Published Application(s): Blocking, ELISA

Published Species Reactivity: Human

Immunogen: Human immobilized DR5.

Specificity: The antibody binds to human DR5 with nanomolar affinity. The original format of this antibody has an IC50-value of 2 nM.

Application Notes: The antibody binds to human DR5, a receptor that can be activated by tumor necrosis factor-related ligands and transduces apoptosis signals. The antibody occludes the smaller of the two Apo2L/TRAIL binding sites on DR5

Antibody First Published in: Li et al. Activation of the proapoptotic death receptor DR5 by oligomeric peptide and antibody agonists. Journal of Molecular Biology 2006; 361(3):522-36 [PMID:16859704](#)

Note on publication: Describes the use of phage display to generate a synthetic antibody against human proapoptotic death receptor DR5 and subsequent crystallography.

Product Form

Size: 200 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.