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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-DOG1 [19F2] Standard Size Ab03308-10.3

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

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG2b format for improved compatibility with existing reagents assays and techniques.

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

Clone Number: 19F2

Alternative Name(s) of Target: Discovered On Gastrointestinal Stromal Tumors Protein 1; SP31; Anoctamin-1; Discovered on gastrointestinal stromal tumors protein 1; Oral cancer overexpressed protein 2; Transmembrane protein 16A; Tumor-amplified and overexpressed sequence 2; CGMCC NO. 20771

UniProt Accession Number of Target Protein: Q5XXA6

Published Application(s): WB, ELISA, IHC

Published Species Reactivity: Human

Immunogen: The original antibody was generated by immunizing mice with recombinant protein DOG1.

Specificity: The antibody is specific for DOG1. DOG1 is a calcium-activated chloride channel (CaCC) which plays a role in the transepithelial anion transport and smooth muscle contraction. It is required for the normal functioning of the interstitial cells of Cajal (ICCs) which generate electrical pacemaker activity in gastrointestinal smooth muscles and it acts as a major contributor to basal and stimulated chloride conductance in airway epithelial cells and plays an important role in tracheal cartilage development.

Application Notes: The antibody 19F2 and the commercial antibody SP31 were used to stain breast tissue and gastrointestinal tumor in immunohistochemistry. Results showed the antibody specificity is equivalent to the commercial antibody. Further, the staining intensity of the antibody 19F2 was higher than the commercial antibody (CN113045652A).

Antibody First Published in: [PMID:](#)

Note on publication:

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.