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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-Tn Antigen [237mAb] Standard Size Ab00382-10.3

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 IgG2a format, for improved compatibility with existing reagents, assays and techniques.

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

Clone Number: 237mAb

Alternative Name(s) of Target: O-linked N-acetylgalactosamine on a threonine or serine residue

UniProt Accession Number of Target Protein:

Published Application(s): WB, ELISA

Published Species Reactivity: Human, Mouse

Immunogen: The glyco-dodecapeptide ERGT(GalNAc)KPPLEELS.

Specificity: The antibody binds specifically to the Tn antigen with a Kd of 140 nM.

Application Notes: The antibody binds to serine- and threonine linked O-linked N-acetylgalactosamine, a posttranslational glycosylation that is highly characteristic for Ag104A, an aggressive fibrosarcoma.

Antibody First Published in: Schietinger et al. A mutant chaperone converts a wild-type protein into a tumor-specific antigen. Science 2006; 314:304-308 [PMID:17038624](#)

Note on publication: Describes how a wild-type transmembrane protein can be transformed into a tumor-specific antigen and how this epitope can be used to generate a specific monoclonal antibody with antitumor activity.

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.