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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-Tn Antigen [237mAb] Bulk Size Ab00382-10.0-BT

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, 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: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.