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ARG30016
T / Tn Antigen Antibody Duo (T , Tn)

Package: 1 pair
Store at: -20°C

Component

Cat. No.	Component Name	Host clonality	Reactivity	Application	Package
ARG62636	anti-Thomsen-Friedenreich Antigen antibody [A78-G/A7]	Mouse mAb	Hu, Rat	ICC/IF, IHC-P	250 µl
ARG53970	anti-Tn antigen antibody [Tn 218]	Mouse mAb	Hu	ICC/IF, IHC-P	250 µl

Summary

Product Description	The first step in O-linked oligosaccharide synthesis is adding a N-acetylgalactosamine to serine or threonine resulting in the formation of the Tn antigen and Tn antigen can be proceed along different pathways through different glycosylation processes. The galactose can be added on Tn antigen by a β1,3-galactosyltransferase results in the formation of the Thomsen-Friedenreich antigen (Galβ1,3GalNAcα-O-Ser/Thr) also known as Thomsen–Friedenreich (T or TF) antigen or CD176. The patents with Tn syndrome are β1,3-galactosyltransferase deficiention resulting in the expression of Tn antigen on their hematopoietic cells. Both antigens have been shown previously to correlate with various cancer types. The abnormal protein glycosylation might associated with human cancer and the identification of protein glycoforms might be cancer biomarkers and therapeutic targets. Recently study find that the O-link glycan changes in some of the surface protein, for Ex, MUC1 and CD43, might also undergoing EMT and metastases activity. arigo provides a T/Tn antigen antibody Duos, ARG30016, including antibodies reacting T antigen and Tn antigen for users to study the potentially glycol-structure and glycan changes of the target protein and it might be useful to findout the biomarker and therapeutic agent.
Target Name	T / Tn Antigen
Alternate Names	T / Tn Antigen antibody; Tn antigen antibody; Thomsen-Friedenreich Antigen antibody

Properties

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Full Name	Antibody Duo for T / Tn Antigen (T , Tn)
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Controls and Markers antibody