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Tn Antigen

National Cancer Institute

Source

National Cancer Institute. *Tn Antigen*. NCI Thesaurus. Code C112044.

A protein antigen that is comprised of the monosaccharide N-acetylgalactosamine (GalNAc) bound to serine or threonine by O-linked glycosylation. Aberrant expression of Tn antigen by all blood cell lineages is associated with a rare hematological disorder called Tn-syndrome. Increased expression of this monosaccharide modification is also associated with some cancers and this antigen is being investigated for use as either a biomarker or therapeutic target for these associated malignancies.