

Product datasheet

Anti-Sialyl Tn antibody [STn 219] (FITC) ab76756

1 References [画像数 1](#)

製品の概要

製品名	Anti-Sialyl Tn antibody [STn 219] (FITC)
製品の詳細	Mouse monoclonal [STn 219] to Sialyl Tn (FITC)
由来種	Mouse
標識	FITC. Ex: 493nm, Em: 528nm
特異性	ab76756 stains colon carcinomas and ovarian mucinous carcinomas producing apical cytoplasmic, apical membrane or luminal staining patterns. It is negative with majority of adult tissue sections.
アプリケーション	適用あり: Flow Cyt, ICC/IF
種交差性	交差種: Sheep, Human
免疫原	Ovine submaxillary mucin (OSM)
エピトープ	NeuAc alpha GalNacOSer/Thr.
ポジティブ・コントロール	Human gastrointestinal tumor, prostate and ovary carcinomas.
特記事項	Abcam is committed to meeting high standards of ethical manufacturing and has decided to discontinue this product by July 2018 as it has been generated by the ascites method. We are sorry for any inconvenience this may cause.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	Preservative: 0.05% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	STn 219
アイソタイプ	IgG1
軽鎖の種類	kappa

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab76756** in the following tested applications.

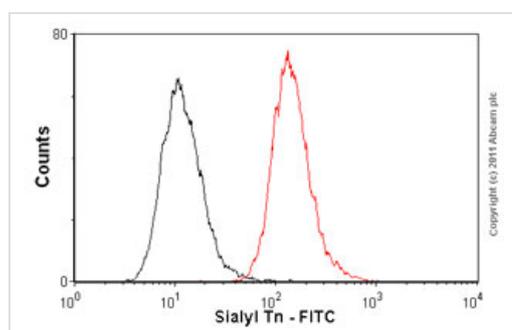
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
Flow Cyt		Use 2.5µl for 10 ⁶ cells. ab106163 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
ICC/IF		Use a concentration of 10 - 20 µg/ml.

ターゲット情報

関連性 Sialyl-Tn is a carbohydrate antigen overexpressed in several epithelial cancers including breast cancer, and usually associated with poor prognosis. Sialyl-Tn is synthesized by a CMP-Neu5Ac: GalNAc alpha2,6-sialyltransferase: ST6GalNAc I, which catalyzes the transfer of a sialic acid residue in alpha2,6-linkage to the GalNAc alpha1-O-Ser/Thr structure. The resulting disaccharide (Neu5Ac alpha2-6GalNAc alpha1-O-Ser/Thr) cannot be further elongated and sialyl-Tn expression results therefore in a shortening of the O-glycan chains

画像



Flow Cytometry - Anti-Sialyl Tn antibody [STn 219] (FITC) (ab76756)

Overlay histogram showing DU145 cells stained with ab76756 (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab76756, 0.5µg/1x10⁶ cells) for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG1 (1µg/1x10⁶ cells). Acquisition of >5,000 events was performed.

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