

Product datasheet for **AM10038FC-N**

CD175s Mouse Monoclonal Antibody [Clone ID: STN219]

Product data:

Product Type:	Primary Antibodies
Clone Name:	STN219
Applications:	FC, IF, IHC
Recommended Dilution:	Suitable for Immunohistochemistry and Immunocytochemistry (Frozen or Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections and cell smears) . For IHC dilute concentrated antibody at 1/50-1/100, use streptavidin-biotin system or polymer system, incubate 30 minutes at room temperature. Immunofluorescence: 10-20 µg/ml (1/10-1/20), incubate for 2 hours in the dark at RT or it can also be incubated overnight at 4°C. Flow Cytometry: 0.2-1.0 µg/0.1 ml (1/200-1/1,000). Recommended Positive Control: Human gastrointestinal tumor, prostate, ovary ca.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Ovine submaxillary mucin (OSM).
Specificity:	The specificity of this antibody is similar to B 72.3 antibody. Cellular Localization: Cytoplasmic, apical membrane, luminal.
Formulation:	PBS, pH 7.4 Label: FITC State: Liquid purified Ig fraction. Stabilizer: 1% BSA Preservative: 0.05% Sodium Azide
Concentration:	lot specific
Conjugation:	FITC
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light.
Stability:	Shelf life: One year from despatch.



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- Background:** Sialosyl Tn antigen also known as CD175s is expressed in the majority of colon, gastric, breast and lung carcinoma.
The sialosyl Tn has limited expression to being absent in normal colon, pancreas, stomach, ovary, and prostate. This antigen is detected in several adenocarcinomas. It appears to be useful marker for poorly differentiated colon adenocarcinomas. This antibody 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.
- Synonyms:** Sialosyl Tn, Sialosyl-Tn, Sialyl Tn, sTn