

## Product datasheet for **AM10038PU-S**

### CD175s Mouse Monoclonal Antibody [Clone ID: STN219]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	STN219
Applications:	FC, IF, IHC
Recommended Dilution:	Suitable for <b>Immunohistochemistry</b> and <b>Immunocytochemistry</b> (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. <b>Immunofluorescence.</b> <b>Flow Cytometry.</b> <i>Recommended Positive Control:</i> 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 containing 1% BSA as stabilizer and 0.05% Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
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