



# GTAM1 Marker (B48.1): sc-59190

## BACKGROUND

Gastric carcinoma can develop in any part of the stomach and spread from there to numerous other organs, particularly the esophagus and the small intestine. An early diagnosis of carcinoma as well as discrimination between benign and malignant conditions is difficult and very important. Carcinoma cells produce exclusive proteins that are important in the identification and treatment of the disease. Tumors, more specifically their membranes, retain unique proteins that may be useful cancer markers. GTAM1 (gastrointestinal tumor associated marker 1) is one such protein with an especially high specificity for malignancy. GTAM1 is expressed in colon adenocarcinoma and ovarian mucinous carcinomas.

## REFERENCES

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## SOURCE

GTAM1 Marker (B48.1) is a mouse monoclonal antibody raised against GTAM1 of human origin.

## PRODUCT

Each vial contains 500  $\mu$ l culture supernatant containing IgG<sub>1</sub> with < 0.1% sodium azide.

## PROTOCOLS

See our web site at [www.scbt.com](http://www.scbt.com) for detailed protocols and support products.

## APPLICATIONS

GTAM1 Marker (B48.1) is recommended for detection of GTAM1 of human origin by Western Blotting (starting dilution to be determined by researcher, dilution range 1:10-1:200), immunofluorescence (starting dilution to be determined by researcher, dilution range 1:10-1:200) and immunohistochemistry (including paraffin-embedded sections) (starting dilution to be determined by researcher, dilution range 1:10-1:200).

## STORAGE

For immediate and continuous use, store at 4° C for up to one month. For sporadic use, freeze in working aliquots in order to avoid repeated freeze/thaw cycles. If turbidity is evident upon prolonged storage, clarify solution by centrifugation.

## RESEARCH USE

For research use only, not for use in diagnostic procedures.