

# CA19-9 MONOCLONAL ANTIBODIES

<b>Abbreviations</b>	CA19-9 mAb
<b>Synonyms</b>	Carbohydrate Antigen 19-9 mAb Cancer Antigen 19-9 mAb
<b>Associated Marker</b>	CA19-9
<b>Host</b>	Mouse
<b>Grade</b>	Affinity Purified

### STAR PAIRS

We recommend BM238-G6C8 (capture) paired with BM238H7D1 (detection).

<b>Application</b>	Western blot and ELISA.
<b>Target Marker</b>	CA19-9 is a glycoprotein with a molecular weight of 10kDa. It is a component of numerous mucous membrane cells and is found in fetal epithelium of the stomach, intestines and pancreas. It is related to sialylated Lewis A blood group antigen.
<b>Target Marker – Occurrence</b>	Minor concentrations of CA19-9 are found in the mucous cells in adults, as well as in the pancreas, liver and lungs. In normal healthy patients, the upper serum level of CA19-9 is 37 U/ml. Patients who are Lewis A antigen negative (3 - 7 % of the population) do not express CA19-9.
<b>Target Marker –Function in Disease</b>	<p>Within clinical diagnostics, CA19-9 is most widely known as a marker for cancers of the stomach, colon and pancreas. CA19-9 levels are also elevated in malignant conditions such as diseases of the bile duct and liver.</p> <p>The marker is not specific or sensitive enough to be used for cancer screening and is most widely utilised to differentiate between cancer and non-malignant conditions (mainly pancreatitis). It is also sometimes used to monitor the response to treatment for cancer of the pancreas. Some clinicians will recommend measuring both CA19-9 and Carcinoembryonic antigen (CEA) in unison to give a more accurate analysis.</p>

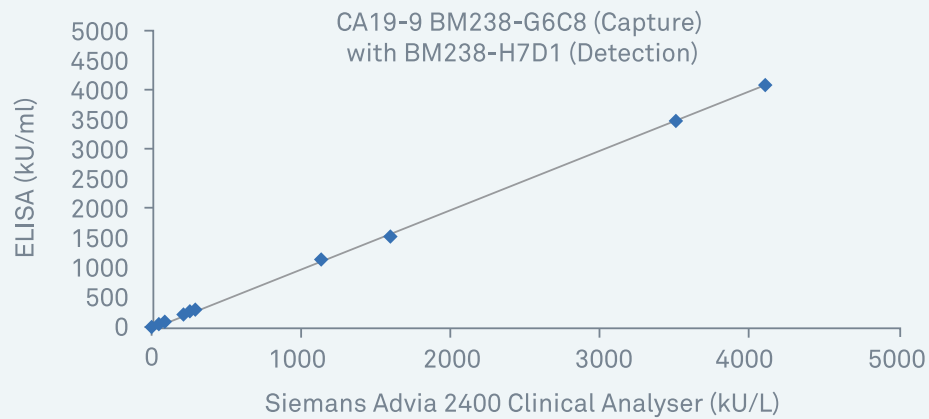
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**WHY BBI?**

- + Be confident in your **results** when you choose BBI's monoclonal antibodies for your next assay – Our CA19-9 antibodies have been tested in western blot and ELISA.
- + **Save time and money** by choosing one of our recommended pairs.

**Characterisation**

Tested in **western blot** against purified antigen.



Tested in **ELISA** against purified antigen and clinical patient samples. The results below show that in side-by-side comparisons, BBI CA19-9 antibodies demonstrate excellent performance compared with antibodies available in commercial immunoassays currently on the market.

**ORDERING DETAILS – USE THE FOLLOWING CODES WHEN ORDERING**

Product	Code	Description
CA19-9 mAb	BM238-H4H1	WB   ELISA
CA19-9 mAb	BM238-G6C8	WB   ELISA – Capture mAb paired with BM238-H7D1 as detection mAb
CA19-9 mAb	BM238-H7D1	WB   ELISA – Detection mAb paired with BM238-G6C8 as capture mAb
CA19-9 mAb	BM238-G5H5	WB   ELISA

**Related Products**

Code	Description
P291-4	Low cross contamination grade CA19-9 antigen
SG358-2	Individual clinical patient samples with measured levels of CA19-9

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