Anti-CA19-9 antibody [121SLE] ab3982

Overview

**Product name**
Anti-CA19-9 antibody [121SLE]

**Description**
Mouse monoclonal [121SLE] to CA19-9

**Host species**
Mouse

**Specificity**
The antibody recognizes Sialyl Lewis a containing glycolipids.

**Tested applications**
Suitable for: Flow Cyt, ELISA, IHC-P, WB

**Species reactivity**
Reacts with: Human

**Immunogen**
Immunoprecipitate obtained after immunodiffusion of MAb 19-9 and mucins isolated from an ovarian cyst of a 0Le(a+b-) patient.

**Positive control**
In Western Blot, this antibody gave a positive signal in human breast and human kidney tissue lysates.

**General notes**
Abcam is committed to meeting high standards of ethical manufacturing and has decided to discontinue this product by June 2019 as it has been generated by the ascites method. We are sorry for any inconvenience this may cause. We would recommend antibody ab116024 as a replacement.

Properties

**Form**
Liquid

**Storage instructions**
Shipped at 4°C. Store at +4°C. Do Not Freeze.

**Storage buffer**
Preservative: 15mM Sodium Azide
Constituents: PBS, pH 7.4

**Purity**
>95% by SDS-PAGE

**Clonality**
Monoclonal

**Clone number**
121SLE

**Isotype**
IgM

Applications

Our Abpromise guarantee covers the use of ab3982 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Cyt</td>
<td>Use at an assay dependent concentration. PubMed: 22490524 ab91545 - Mouse monoclonal IgM, is suitable for use as an isotype control with this antibody.</td>
<td></td>
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<tr>
<td>ELISA</td>
<td>Use at an assay dependent concentration.</td>
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<tr>
<td>IHC-P</td>
<td>1/100.</td>
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<tr>
<td>WB</td>
<td>Use at an assay dependent concentration. Predicted molecular weight: 32 kDa.</td>
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</tbody>
</table>

**Target**

**Images**

ab3982 staining CA19-9 in human colorectal adenocarcinoma by IHC-P (Formalin/Paraformaldehyde fixed paraffin embedded tissue sections).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CA19-9 antibody [121SLE] (ab3982)
Western blot - Anti-CA19-9 antibody [121SLE] (ab3982) at 5 µg/ml

**All lanes**: Anti-CA19-9 antibody [121SLE] (ab3982) at 5 µg/ml

**Lane 2**: Human breast tissue lysate - total protein (ab30090)

**Lane 3**: Human kidney tissue lysate - total protein (ab30203)

Lysates/proteins at 20 µg per lane.

**Secondary**

**All lanes**: Peroxidase- conjugated AffiniPure Goat Anti-mouse IgM at 1/3000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size**: 32 kDa

**Observed band size**: 32 kDa

**Additional bands at**: 50 kDa. We are unsure as to the identity of these extra bands.

**Exposure time**: 20 minutes

**Please note**: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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