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: This product was changed from ascites to tissue culture supernatant. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer: pH: 7.40
Preservative: 0.097% Sodium azide
Constituent: PBS
Purity: >95% by SDS-PAGE
Purification notes: Purified from TCS
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></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>
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<tr>
<td>ELISA</td>
<td></td>
<td>Use at an assay dependent concentration.</td>
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<tr>
<td>IHC-P</td>
<td></td>
<td>1/100.</td>
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<tr>
<td>WB</td>
<td>⭐⭐⭐⭐⭐</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).
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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