CD98 Rat Anti-Mouse mAb (clone RL388) Fluorescein (FITC) Conjugate

Store at 2°C to 8°C

<table>
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<tr>
<th>Catalog No.</th>
<th>Form</th>
<th>Amount</th>
<th>Excitation</th>
<th>Peak Emission</th>
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<tr>
<td>A16372</td>
<td>FITC</td>
<td>50 μg</td>
<td>488 nm</td>
<td>519 nm</td>
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Clone: RL388

Host/Class: Rat IgG2aκ

Description: The CD98 Rat Anti-Mouse mAb recognizes mouse CD98, a disulfide-linked heterodimer complex (130 kDa) consisting of glycosylated heavy and nonglycosylated light subunits. There is CD98 expression on the surface of activated lymphocytes. CD98 is involved in calcium flux and cell activation.

Alternate Names: 4F2, Ly-10

Reactivity: Mouse CD98

Applications*: FC (activated and resting mouse splenocyte cell suspensions)

Storage Buffer: The reagent is provided in aqueous buffer with 0.09% sodium azide, and may contain carrier protein/stabilizer. CAUTION! Sodium azide is extremely toxic and may react with lead and copper plumbing to form highly explosive metal azides. Properly dispose of solutions containing sodium azide. Read the Safety Data Sheet (SDS) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves. SDSs are available at www.lifetechnologies.com/support.

Storage: Store reagents in the dark at 2° to 8°C. Do not freeze. If the reagent is being diluted, it is recommended that only the quantity to be used within one week be diluted. Avoid prolonged light exposure with fluorochrome-conjugated antibodies. Use dim light during handling, incubation with cells, and prior to analysis.

Stability: When stored as instructed, expires one year from date of receipt unless otherwise indicated on Certificate of Analysis.

Lot Number: See product label.

References:

* Because conditions may vary, it is recommended that each investigator determine the optimal amount of antibody to be used for each application.

FC = flow cytometry; FUNC = functional assay; ICC = immunocytochemistry; IHC(F) = immunohistochemistry (frozen sample); IHC(P) = immunohistochemistry (paraffin embedded sample); IP = immunoprecipitation; RIA = radioimmunoassay; WB = western blot
Explanation of Symbols

The symbols present on the product label are explained below:

<table>
<thead>
<tr>
<th>Symbol</th>
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<td>![Temperature limitation symbol]</td>
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<td>![Consult instructions for use symbol]</td>
<td>Consult instructions for use</td>
<td>![Caution, consult accompanying documents symbol]</td>
<td>Caution, consult accompanying documents</td>
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15 Sept 2013