

# Mouse CEACAM-2 Alexa Fluor® 405-conjugated Antibody

Monoclonal Rat IgG<sub>1</sub> Clone # 935610

Catalog Number: FAB9214V  
100 µg

## DESCRIPTION

|                           |                                                                                                                                                                                                                                                                                                                                  |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species Reactivity</b> | Mouse                                                                                                                                                                                                                                                                                                                            |
| <b>Specificity</b>        | Detects mouse CEACAM-2 in direct ELISAs.                                                                                                                                                                                                                                                                                         |
| <b>Source</b>             | Monoclonal Rat IgG <sub>1</sub> Clone # 935610                                                                                                                                                                                                                                                                                   |
| <b>Purification</b>       | Protein A or G purified from hybridoma culture supernatant                                                                                                                                                                                                                                                                       |
| <b>Immunogen</b>          | Mouse myeloma cell line NS0-derived recombinant mouse CEACAM-2<br>Gln35-Asp422<br>Accession # Q925P2                                                                                                                                                                                                                             |
| <b>Conjugate</b>          | Alexa Fluor 405<br>Excitation Wavelength: 405 nm<br>Emission Wavelength: 421 nm                                                                                                                                                                                                                                                  |
| <b>Formulation</b>        | Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.<br><br>*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions. |

## APPLICATIONS

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

|                       | <b>Recommended Concentration</b> | <b>Sample</b>                                                                    |
|-----------------------|----------------------------------|----------------------------------------------------------------------------------|
| <b>Flow Cytometry</b> | 0.25-1 µg/10 <sup>6</sup> cells  | HEK293 human embryonic kidney cell line transfected with mouse CEACAM-2 and eGFP |

## PREPARATION AND STORAGE

|                                |                                                                                                                   |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Shipping</b>                | The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below. |
| <b>Stability &amp; Storage</b> | <b>Protect from light. Do not freeze.</b><br>● 12 months from date of receipt, 2 to 8 °C as supplied.             |

## BACKGROUND

CEACAM2 is a member of the family of carcinoembryonic antigen-related cell adhesion molecules. CEACAM2 controls energy balance and peripheral insulin action. It is involved in the regulation of feeding behavior particularly in the ventromedial nucleus of hypothalamus (VMH) regulation of food intake. Alternatively spliced transcripts encoding different proteins have been described.

## PRODUCT SPECIFIC NOTICES

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