Human CEACAM-4
Alexa Fluor® 594-conjugated Antibody

Monoclonal Mouse IgG_{2B} Clone # 822608

Catalog Number: FAB7845T

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human CEACAM-4 in direct ELISAs.
Source	Monoclonal Mouse IgG_{2B} Clone # 822608
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	*E. coli*-derived recombinant human CEACAM-4 Phe36-Val140 Accession # O75871
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *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.*

	Recommended Concentration	Sample
Flow Cytometry	0.25-1 µg/10^6 cells	THP-1 human acute monocytic leukemia cell line

PREPARATION AND STORAGE

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

BACKGROUND

CEACAMs are intercellular adhesion molecules that form Ca2+-dependent homo- and heterotypic interactions, and typically serve as pathogen receptors. All CEACAMs are heavily glycosylated and contain one N-terminal V-type Ig-like domain. CEACAMs also exhibit variability in their structure by containing transmembrane domains (#CEACAM-1, 3 & 4), GPI-linked domains (#5, 6, 7, & 8), or CD66 designations (#1, 3, 5, 6, & 7).

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