

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human CEACAM-8/CD66b in direct ELISAs and Western blots. In direct ELISAs, less than 10% cross-reactivity with recombinant human (rh) CEACAM-3, rhCEACAM-6, and rhCEACAM-7 is observed.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human CEACAM-8/CD66b Gln35-His141 Accession # P31997
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *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.

CyTOF-ready	Optimal dilution of this antibody should be experimentally determined.
Western Blot	Optimal dilution of this antibody should be experimentally determined.
Flow Cytometry	Optimal dilution of this antibody should be experimentally determined.

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

CEACAM-8 (carcinoembryonic antigen-related cell adhesion molecule 8; also CD66b, CD67 and NCA-95) is a 90 kDa member of the CEACAM subfamily of the CEA family of proteins. It is expressed by neutrophils and eosinophils, and serves as a binding partner for CEACAM-6 and Galectin-3. Mature human CEACAM-8 is a 287 amino acid GPI-linked glycoprotein. It contains one V-type and two C2-type Ig-like domains. No definitive rodent CEACAM-8 has been reported.

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