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## Anti-human CEACAM-1

**Description:** Produced from sera of rabbits immunized with highly pure recombinant human soluble CEACAM-1 (D1-4) (Carcinoembryonic antigen-related cell adhesion molecule-1; SwissProt: #P13688) as the immunizing antigen. Anti-human soluble CEACAM-1 was purified by affinity chromatography with immobilized Protein A.

<b>Host species</b>	Rabbit
<b>Antigen:</b>	Recombinant human soluble CEACAM-1
<b>Purification:</b>	Protein A chromatography
<b>Stabilizer:</b>	none
<b>Buffer:</b>	PBS pH 7.4 w/o preservative
<b>Formulation:</b>	lyophilized

**Reconstitution:** Reconstituted in sterile water to a concentration of 1.0 mg/ml.

**Stability:** The lyophilized antibody, thought stable at room temperature, is best stored desiccated below 0°C. Reconstituted anti-human sCEACAM-1 is stable at 4°C for >six months or can be stored in working aliquots at -20°C for more than 1 year.

**Specificity:** The polyclonal antibody will detect recombinant human soluble CEACAM-1 in WB and ELISA. The antibody shows cross-reactivity with several other CEACAM family members. There is no cross-reactivity with human CEACAM-8.

### *Applications:*

**Western blotting:** Use at 1-5 µg/ml.

**ELISA:** Yes.

**FACS:** Yes.

*Optimal dilutions should be determined by each laboratory for each application.*

**Usage:** Anti-human CEACAM-1 is offered for research use. Not for drug use. **Not for human use!**

**Catalogue number:** 102-PA100S

**Size:** 100 µg

Literature: [Müller et al., Blood 105:3925, 2006; Kilic et al., Blood 110:4223, 2007; Zengin et al., Development 133:1543, 2006; Oliveira-Ferrer et al., Cancer res 64:8932, 2004; ].

**\*\*Please note: always centrifuge product before opening vial!\*\***