CEACAM8/CD66b Recombinant Monoclonal Antibody [BLR111H]

Rabbit Recombinant Monoclonal

Purified Protein ID NP_001807.2

Catalog No. A700-111 GenelD 1088

Lot No. A700-111-1

APPLICATIONS WB, IP, IHC

SPECIES REACTIVITY Human

AMOUNT 100 μl (50+ tests)

CONCENTRATION 250 µg/ml

STORAGE/SHELF LIFE 2 – 8° C / 1 year from date of receipt

PHYSICAL STATE Liquid

BUFFER Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide

ISOTYPE IqG

CLONE # BLR111H

ORIGIN USA

PRODUCTION

Recombinant antibody was purified from cell culture supernatant.

PROCEDURES

Immunogen was a recombinant protein representing the extracellular domain of human carcinoembryonic antigen-related cell adhesion molecule 8 (aka CD66b, residues 23–320,

NP_001807.2).

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined

experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot 1:1.000

Immunoprecipitation 20 µl/1 mg lysate

Immunohistochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is

recommended for FFPE tissue sections.

IHC HUMAN CONTROLS Breast Carcinoma, Lung Carcinoma, Placenta, Spleen

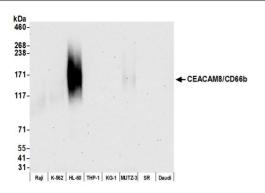
ADDITIONAL INFO https://www.bethyl.com/product/A700-111

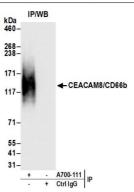
Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: July 24, 2020



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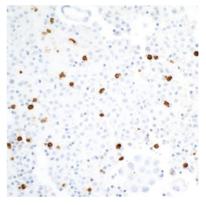


Detection of human CEACAM8/CD66b by western blot. Samples: Whole cell lysate (10 μg) from Raji, K-562, HL-60, THP-1, KG-1, MUTZ-3, SR, and Daudi cells prepared using NETN lysis buffer. Antibody: Rabbit anti-CEACAM8/CD66b recombinant monoclonal antibody [BLR117H] (A700-111 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit lgG (A120-101P). Chemiluminescence with an exposure time of 30 seconds.

Detection of human CEACAM8/CD66b by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HL-60 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-CEACAM8/CD66b recombinant monoclonal antibody [BLR117H] (A700-111 lot 1) used at 20 µl/mg lysate. For blotting immunoprecipitated CEACAM8/CD66b, A700-111 was used at 1:1000. Chemiluminescence with an exposure time of 30 seconds.



Detection of human CEACAM8/CD66b in FFPE breast carcinoma by immunohistochemistry. *Antibody:* Rabbit anti-CEACAM8/CD66b recombinant monoclonal antibody [BLR111H] (A700-111 Lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



Detection of human CEACAM8/CD66b in FFPE lung carcinoma pleural effusion by immunohistochemistry. *Antibody:* Rabbit anti-CEACAM8/CD66b recombinant monoclonal antibody [BLR111H] (A700-111 Lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.