Rabbit anti-Mouse CEACAM1 Polyclonal Antibody | anti-CEACAM1 antibody

Anti-CEACAM1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA257185	**Rabbit**	**Mouse**	**Immunohistochemistry, Immunohistochemistry, ELISA**

PRODUCT SYNONYMS

CEACAM1; Polyclonal Antibody; Anti-CEACAM1 Antibody; Rabbit Polyclonal; CEACAM1/CD66a Antibody; Rabbit PAb; Antigen Affinity Purified; carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein); Anti-bb-1 Antibody; Anti-Bgp Antibody; Anti-Bgp1 Antibody; Anti-C-CAM Antibody; Anti-Cc1 Antibody; Anti-CD66a Antibody; Anti-Cea-1 Antibody; Anti-Cea-7 Antibody; Anti-Cea1 Antibody; Anti-Cea7 Antibody; Anti-Hv-2 Antibody; Anti-Hv2 Antibody; Anti-mCEA1 Antibody; Anti-Mhv-1 Antibody; Anti-MHVR Antibody; Anti-MHVR1 Antibody; Anti-mmCGM1 Antibody; Anti-mmCGM1a Antibody; Anti-mmCGM2 Antibody; anti-CEACAM1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse CEACAM1/CD66a
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CEACAM1 antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Mouse CEACAM1/CD66a protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Mouse CEACAM1/CD66a (rM CEACAM1/CD66a). CEACAM1/CD66a specific IgG was purified by Mouse CEACAM1/CD66a affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES

IHC (Immunohistochemisry)
Immunochemical staining of mouse CEACAM1 in mouse small intestine with rabbit polyclonal antibody at 1:1000 dilution, frozen sections.

IHC (Immunohiostchemistry)
Immunochemical staining of mouse CEACAM1 in mouse intestine with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections). The left panel: tissue incubated with primary antibody; The right panel: tissue incubated with the mixture of primary antibody and antigen (recombinant protein).

IHC (Immunohistochemistry)
Immunochemical staining of mouse CEACAM1 in mouse kidney with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-CEACAM1 antibody	The carcinoembryonic-antigen-related cell-adhesion molecule (CEACAM) family of proteins has been implicated in various intercellular-adhesion and intracellular-signalling-mediated effects that govern the growth and differentiation of normal and cancerous cells. CEACAM1, also known as biliary glycoprotein I (BGP I) and CD66a, is a member of the carcinoembryonic antigen (CEA) gene family which belongs to the immunoglobulin superfamily. The highly glycosylated CEACAM1 contains one N-terminal V-type Ig-like domain and three C2-type Ig-like domains within its ECD, and one ITIM motif and a calmodulin binding site in the cytoplasmic region. CEACAM1 is a surface glycoprotein expressed on various blood cells, epithelial cells, and vascular cells. It was described as an adhesion molecule mediating cell adhesion via both homophilic and heterophilic manners, and was detected on leukocytes, epithelia, and endothelia. Studies have revealed that CEACAM1 performs actions in multiple cellular processes including tissue differentiation, angiogenesis, apoptosis, metastasis, as well as the modulation of innate and adaptive immune responses.
Product Categories/Family for anti-CEACAM1 antibody	Cancer Drug Targets ITIM/ITAM Immunoreceptors and Related Molecules
References	Gray-Owen SD, et al. (2006) CEACAM1: contact-dependent control of immunity. Nat Rev Immunol. 6(6): 433-46.Gu A, et al. (2009) Role of Ceacam1 in VEGF induced vasculogenesis of murine embryonic stem cell-derived embryoid bodies in 3D culture. Exp Cell Res. 315(10): 1668-82.Wong C, et al. (2009) CEACAM1 negatively regulates platelet-collagen interactions and thrombus growth in vitro and in vivo. Blood. 113(8): 1818-28.

NCBI AND UNIPROT INFORMATION

NCBI GI #	85719299
NCBI GeneID	26365
NCBI Accession #	NP_001034274.1
NCBI GenBank Nucleotide #	NM_001039185.1
Molecular Weight	37,271 Da
NCBI Official Full Name	carcinoembryonic antigen-related cell adhesion molecule 1 isoform 1
NCBI Official Synonym Full Names	carcinoembryonic antigen-related cell adhesion molecule 1
NCBI Official Symbol	Ceacam1
NCBI Official Synonym Symbols	Bgp; Cc1; Hv2; Bgp1; Cea1; Cea7; Hv-2; MHVR; bb-1; C-CAM; CD66a; Cea-1; Cea-7; MHVR1; Mhv-1; mCEA1; mmCGM1; mmCGM2; mmCGM1a
NCBI Protein Information	carcinoembryonic antigen-related cell adhesion molecule 1; BGP-1; MHV-R; biliary glycoprotein 1; biliary glycoprotein D; hepatitis virus receptor; carcinoembryonic antigen 1; carcinoembryonic antigen 7; murine hepatitis virus receptor; CEA-related cell ad

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/ceacam1-antibody-immunohistochemistry-immunohistochemistry-elisa/257185