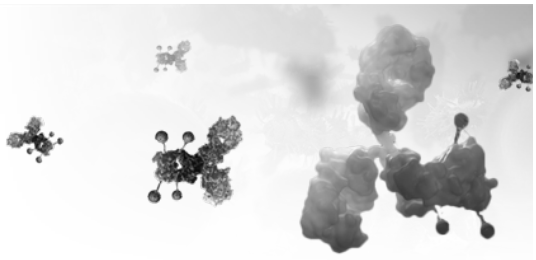

Mouse Anti-Human CEACAM1 monoclonal antibody, clone D5-2Y/9 (CABT-L3202)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This clone was raised against recombinant glycoprotein and is specific for human Carcinoembryonic Antigen Related Cell Adhesion Molecule 1 (CEACAM1).
Specificity	Antibodies do not react with CEACAMs of other species (namely mouse, rat, cow, dog maccaca, rabbit) Does not bind to the N domain of human CEACAM1
Target	Human CEACAM1
Immunogen	Recombinant glycoprotein. Hek293 produced recombinant human CEACAMl-Fc.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	D5-2Y/9
Purification	Protein G purified
Conjugate	Unconjugated
Applications	WB, IP, IHC-F, IHC-P, IF
Format	Liquid
Concentration	Lot specific
Size	100 µg

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Buffer	0.1M Sodium Phosphate, pH 7.4, 0.15M NaCl
Preservative	0.05% Sodium Azide
Storage	Long time storage is recommended at -20°C.
Ship	Wet ice

BACKGROUND

Introduction	CEACAM1 (carcinoembryonic antigen-related cell adhesion molecule 1) is thought to be a member of the immunoglobulin superfamily and is known as an epithelial tumor suppressor and an angiogenic growth factor. It has also been linked to the actin-based cytoskeleton. In T and B cells CEACAM1 mediates co-stimulatory functions. CEACAM1 is also known as a cellular receptor for a number of human pathogenic bacteria including Neisseria, Moraxella and Helicobacter pylori. The loss of activity of CEACAM1 has been related to the development of colorectal cancer. CEACAM1 is also expressed in distinct vessel and lymph endothelial cells.
Keywords	CEACAM1;carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein);BGP;carcinoembryonic antigen-related cell adhesion molecule 1;BGP1;CD66a;antigen CD66;CD66a antigen;BGPI

GENE INFORMATION

Synonyms	CEACAM1; carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein); BGP; carcinoembryonic antigen-related cell adhesion molecule 1; BGP1; CD66a; antigen CD66; CD66a antigen; BGPI

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