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Produktinformation



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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CEACAM1 monoclonal antibody (M01), clone 2F10

Catalog # : H00000634-M01

規格 : [100 ug]

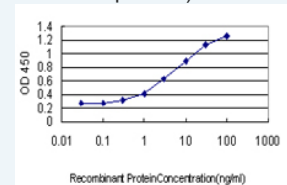
[List All](#)


Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant CEACAM1.
Immunogen:	CEACAM1 (AAH14473, 305 a.a. ~ 414 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	VTGCNRTTVKTIIVTELSPVWAKPQIKASKTTVTGDKDSVNLTCSTNDTGISIRWFFKNQSLPSSSERMKLSQGNTTLSINPVKREDAGTYWCEVFNPI SKN QSDPIMLNV
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa
Quality Control Testing:	Antibody Reactive Against Recombinant Protein.
Storage Buffer:	In 1x PBS, pH 7.4
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
MSDS:	 Download
Datasheet:	 Download

Application Image

Sandwich ELISA (Recombinant protein)

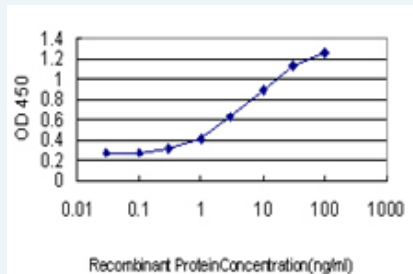


 [enlarge](#)


ELISA

Applications

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged CEACAM1 is approximately 0.1ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [634](#)

GeneBank [BC014473](#)

Accession#:**Protein** [AAH14473](#)**Accession#:****Gene Name:** CEACAM1**Gene Alias:** BGP,BGP1,BGPI**Gene Description:** carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein)**Omim ID:** [109770](#)**Gene Ontology:** [Hyperlink](#)

Gene Summary: This gene encodes a member of the carcinoembryonic antigen (CEA) gene family, which belongs to the immunoglobulin superfamily. Two subgroups of the CEA family, the CEA cell adhesion molecules and the pregnancy-specific glycoproteins, are located within a 1.2 Mb cluster on the long arm of chromosome 19. Eleven pseudogenes of the CEA cell adhesion molecule subgroup are also found in the cluster. The encoded protein was originally described in bile ducts of liver as biliary glycoprotein. Subsequently, it was found to be a cell-cell adhesion molecule detected on leukocytes, epithelia, and endothelia. The encoded protein mediates cell adhesion via homophilic as well as heterophilic binding to other proteins of the subgroup. Multiple cellular activities have been attributed to the encoded protein, including roles in the differentiation and arrangement of tissue three-dimensional structure, angiogenesis, apoptosis, tumor suppression, metastasis, and the modulation of innate and adaptive immune responses. Multiple transcript variants encoding different isoforms have been reported, but the full-length nature of only two has been determined. [provided by RefSeq]

Other Designations: CD66a antigen,antigen CD66,biliary glycoprotein adhesion molecule,carcinoembryonic antigen-related cell adhesion molecule 1**Related Disease**

[Body Weight Diabetes Mellitus, Type 2 Genetic Predisposition to Disease](#)
[Meningococcal Infections Metabolic Syndrome X Osteoporosis](#)