

Datasheet for ABIN5684132
anti-CEACAM1 antibody (AA 65-201)

7 Images

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Overview

Quantity:	0.1 mg
Target:	CEACAM1
Binding Specificity:	AA 65-201
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS), ELISA, Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human CD66A (AA: extra 65-201) expressed in E. coli.
Clone:	4F3B2
Isotype:	IgG2b
Purification:	purified

Target Details

Target:	CEACAM1
Alternative Name:	CD66A (CEACAM1 Products)
Background:	Description: 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

Target Details

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 all variants has not been defined.

Aliases: CEACAM1, BGP, BGP1, BGPI

Molecular Weight:	57.6 kDa
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Gene ID:	634
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HGNC:	634
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Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: 1:200 - 1:1000
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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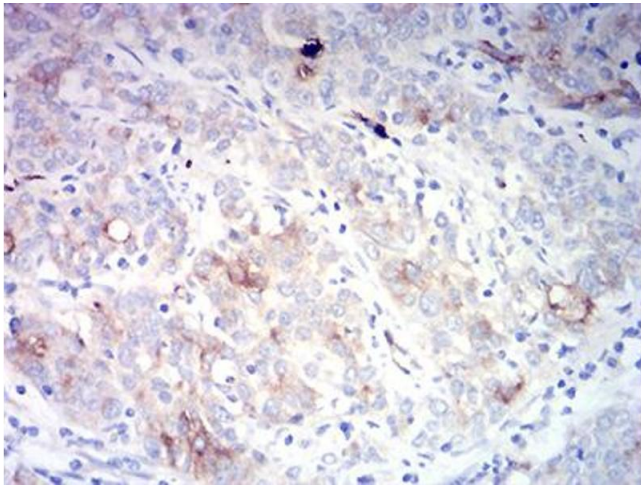
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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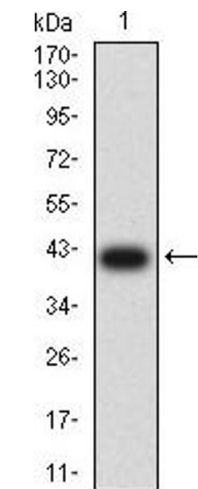
Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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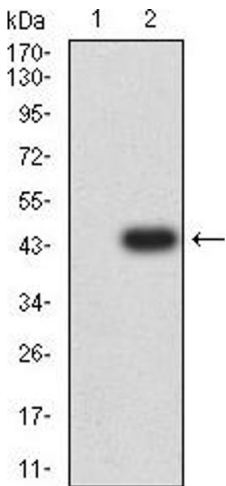
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using CD66A mouse mAb with DAB staining.



Western Blotting

Image 2. Western blot analysis using CD66A mAb against human CD66A (AA: extra 65-201) recombinant protein. (Expected MW is 41.2 kDa)



Western Blotting

Image 3. Western blot analysis using CD66A mAb against HEK293 (1) and CD66A (AA: extra 65-201)-hlgGFc transfected HEK293 (2) cell lysate.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN5684132.