

Recombinant Monoclonal Anti-CEACAM5 Antibody, Rabbit (M1B11)

Catalog # HGS-M2765



Source

Recombinant Monoclonal Anti-CEACAM5 Antibody, Rabbit (M1B11) is a CEACM5 primary antibody for IHC application.

Antibody Type

Recombinant Monoclonal

Clone

M1B11

Isotype

Rabbit IgG, Kappa

Host Species

Rabbit

Reactivity

Human

Specificity

React with CEACAM5 protein on the membrane of target cell/tissue.

Application

Application	Recommended Use
IHC-P	1: 500 - 1: 2000

** Recommended dilutions are for reference only. Optimal working concentrations may vary depending on your consumables, reagents, and assay conditions. We recommend optimizing for your specific system. No warranty is made regarding performance at any specific dilution.*

Purification

Protein A purified.

Aggregation

Less than 10%, as determined by SEC-MALS.

Concentration

0.9~1.1 mg/ml

Form

Liquid

Formulation

Supplied a 0.22 µm-filtered solution in PBS containing 40% Glycerol, 0.03% Proclin 300 and 0.05% BSA, with Trehalose as protectant.

Please contact us for customized product forms or formulations.

Shipping

Liquid product is shipped at blue ice.

Storage

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- 2°C to 8°C for 14 days;
- -20°C to -70°C for 12 months.

Notices

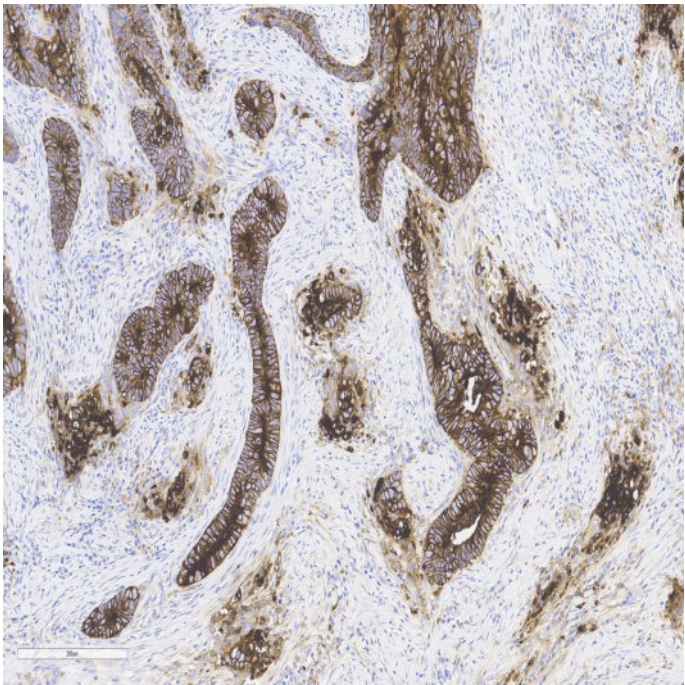
Product Specific Notices: For research use only.

ACRO Quality Management System

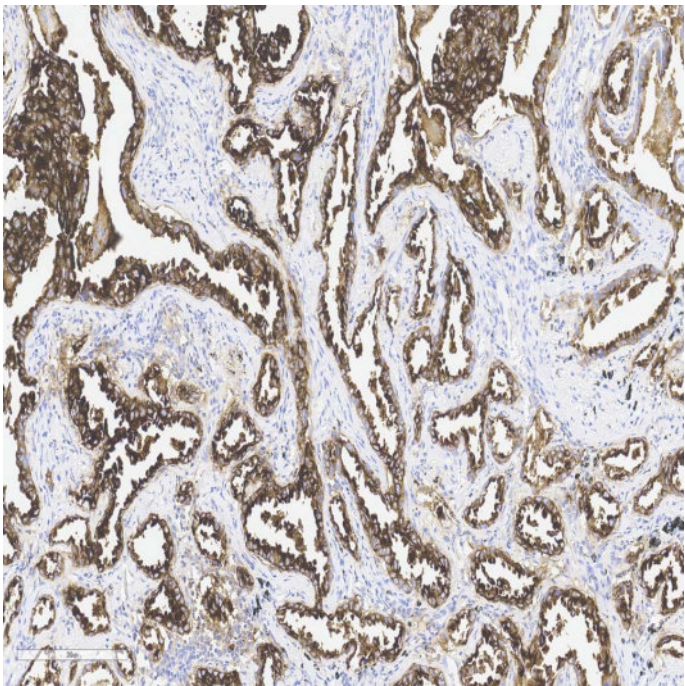
- QMS(ISO, GMP)

- [Quality Advantages](#)
- [Quality Control Process](#)

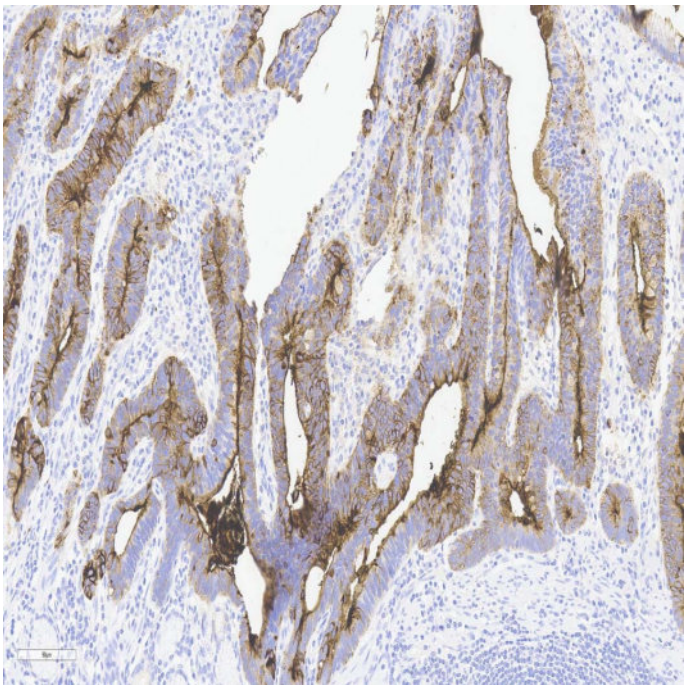
Sample Staining Data



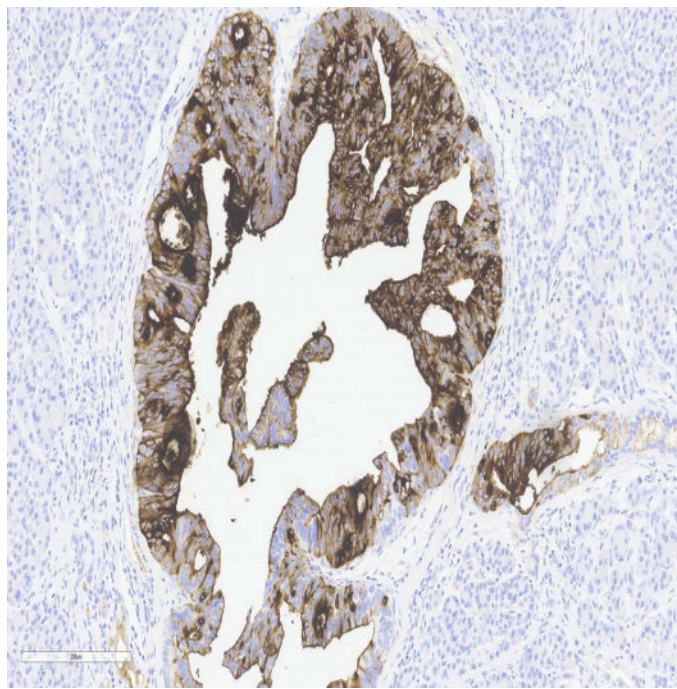
Immunohistochemical analysis of paraffin embedded human colorectal cancer tissue (20X) labeled with HGS-M2765 at 1:1200 dilution.
Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with LEICA BOND IHC staining protocol.



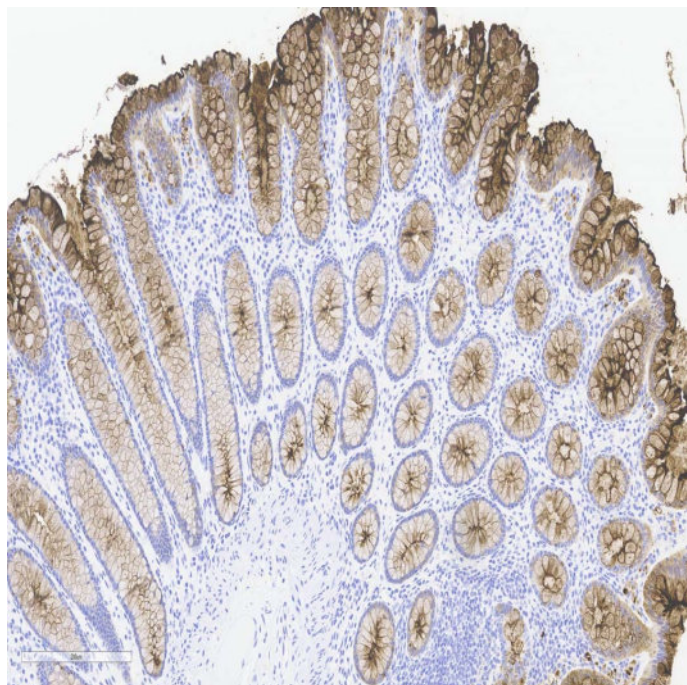
Immunohistochemical analysis of paraffin embedded human lung adenocarcinoma tissue (20X) labeled with HGS-M2765 at 1:1200 dilution.
Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with LEICA BOND IHC staining protocol.



Immunohistochemical analysis of paraffin embedded human gastric cancer tissue (20X) labeled with HGS-M2765 at 1:1200 dilution.
Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with LEICA BOND IHC staining protocol.



Immunohistochemical analysis of paraffin embedded human pancreatic cancer tissue (20X) labeled with HGS-M2765 at 1:1200 dilution.
 Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with LEICA BOND IHC staining protocol.



Immunohistochemical analysis of paraffin embedded human normal colon tissue (20X) labeled with HGS-M2765 at 1:1200 dilution.
 Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with LEICA BOND IHC staining protocol.

Background

CEACAM5 is a cell-surface glycoprotein and founding member of the carcinoembryonic antigen family that functions in cell adhesion and serves as a clinical biomarker for gastrointestinal cancers. It is a CD molecule and is present at the apical plasma membrane, cell surface, and basolateral plasma membrane, where its adhesion-related activity places it at the interface of epithelial organization and signaling. Clinically, CEACAM5 is used as a biomarker in gastrointestinal cancers and has been linked to tumor development through its adhesion functions.



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