MUC1 Monoclonal Antibody
CAB19081

Description

This MUC1 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB19081
Contents:	20 µL, 100 µL
	Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	EMA, MCD, PEM, PUM, KL-6, MAM6, MCKD, PEMT, CD227, H23AG, MCKD1, MUC-1, ADMCKD, ADTKD2, Ca15-3, ADMCKD1, CA 15-3, MUC-1/X, MUC1/ZD, MUC-1/SEC, MUC1
Clone:	ARC0352
Applications:	WB IHC-P ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	4582
Uniprot:	AB_2862573
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	17-25kDa
Calculated MW:	122kDa

Manufacturers Statement: This final kit system is assembled and quality-released by Assay Genie Limited.

Preparation & Storage

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Storage:	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3. Store Bradford Reagent at Room Temperature for 1 Year.
Positive Sample:	BxPC-3, MCF7, Mouse uterus, Mouse lung, Rat lung

Recommended Dilutions:

WB	1:1000 - 1:2000
IHC-P	1:200 - 1:800
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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Protein Quantification (Optional):	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol

Validation Data
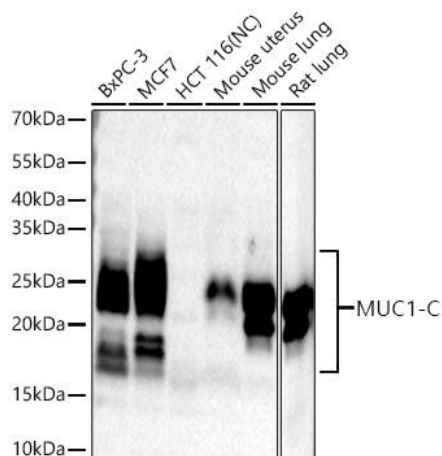
Western blot analysis of various lysates using -C Rabbit mAb (CAB19081) at 1:1000 dilution incubated at room temperature for 1.5 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Negative control (NC): HCT 116. Exposure time: 45 s.
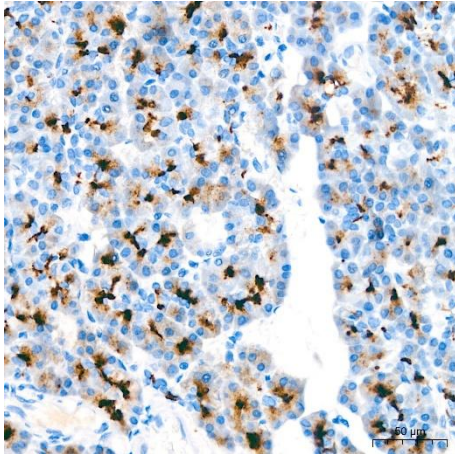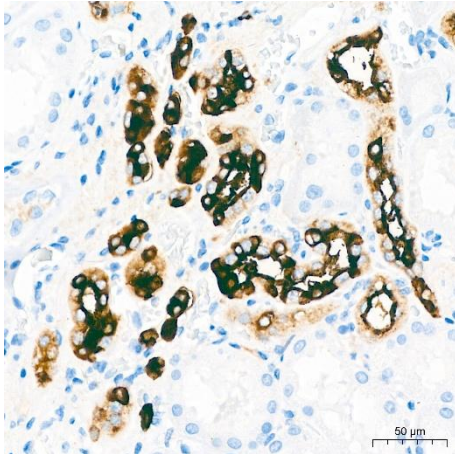
Immunohistochemistry analysis of paraffin-embedded Human pancreas tissue using -C Rabbit mAb (CAB19081) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.
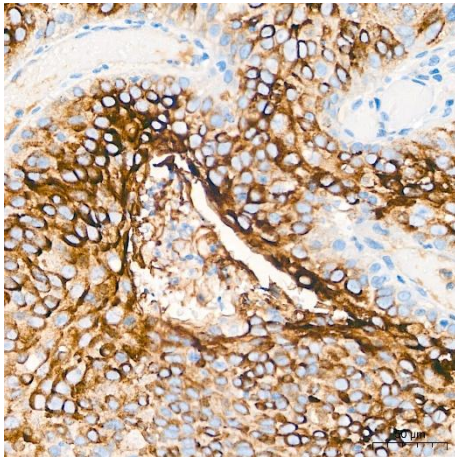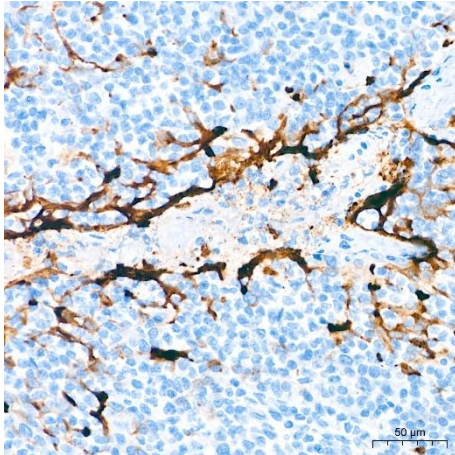

Immunohistochemistry analysis of paraffin-embedded Human cervix cancer tissue using -C Rabbit mAb (CAB19081) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.
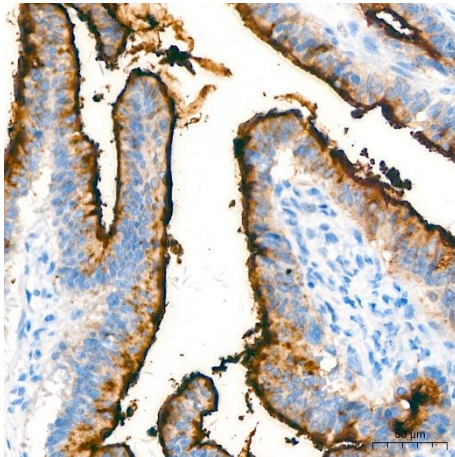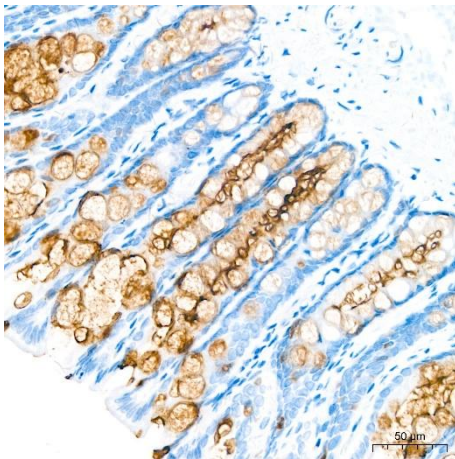

Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using -C Rabbit mAb (CAB19081) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.
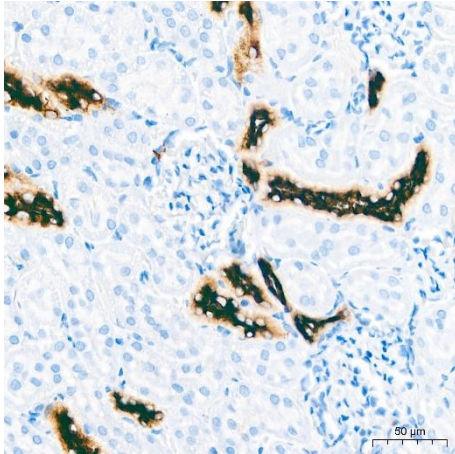
Immunohistochemistry analysis of paraffin-embedded Human kidney tissue using -C Rabbit mAb (CAB19081) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.
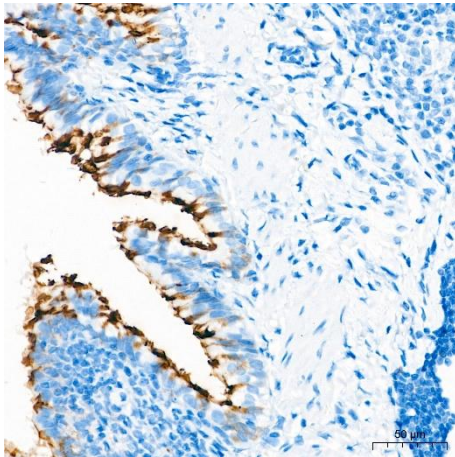

Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using -C Rabbit mAb (CAB19081) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.

Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using -C Rabbit mAb (CAB19081) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.

Immunohistochemistry analysis of paraffin-embedded Rat kidney tissue using -C Rabbit mAb (CAB19081) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.

Immunohistochemistry analysis of paraffin-embedded Rat lung tissue using -C Rabbit mAb (CAB19081) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.