SZABO SCANDIC

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Produktinformation

Forschungsprodukte & Biochemikalien

Zellkultur & Verbrauchsmaterial

Diagnostik & molekulare Diagnostik

Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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EpCAM antibody [GT25512]

Cat. No. GTX635967

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Application	WB, ICC/IF, IHC-P, FACS
Reactivity	Human

Package
100 µl, 25 µl

PRODUCT

Summary	EpCAM antibody recognizes epithelial cell adhesion molecule (EpCAM), a transmembrane glycoprotein with a predicted molecular weight of ~35 kDa. EpCAM is upregulated in epithelial cells during epithelial–mesenchymal transition (EMT) and is used as a diagnostic marker of many carcinomas and circulating tumor cells. Detection of EpCAM by immunohistochemistry is important for the diagnosis of certain epithelial malignancies.

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	Assay dependent
FACS	Assay dependent

Not tested in other applications.

Calculated MW	35 kDa. (Note)
Product Note	We do not recommend use of this product for Mouse samples.

PROPERTIES

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	No Preservative
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human EpCAM. The exact sequence is proprietary.

**For full product information, images and publications, please visit our website.**

| Purification	Affinity purified by Protein A.
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES
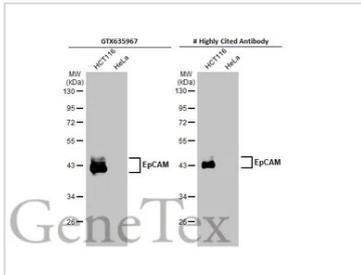
GTX635967 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membranes were blotted with EpCAM antibody [GT25512] (GTX635967) diluted at 1:1000 and competitor's antibody diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTX2131
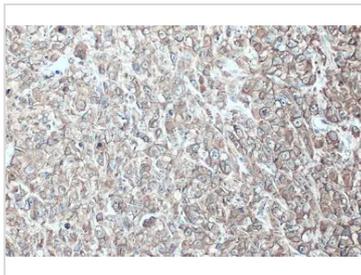

GTX635967 IHC-P Image

EpCAM antibody [GT25512] detects EpCAM protein at cell membrane by immunohistochemical analysis.
Sample: Paraffin-embedded MDA-MB-231 xenograft.
EpCAM stained by EpCAM antibody [GT25512] (GTX635967) diluted at 1:200.
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min
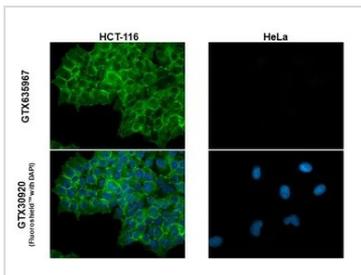
GTX635967 ICC/IF Image

EpCAM antibody [GT25512] detects EpCAM protein at cell membrane by immunofluorescent analysis.
Sample: HCT116 and HeLa cells were fixed in ice-cold MeOH for 5 min.
Green: EpCAM stained by EpCAM antibody [GT25512] (GTX635967) diluted at 1:500.
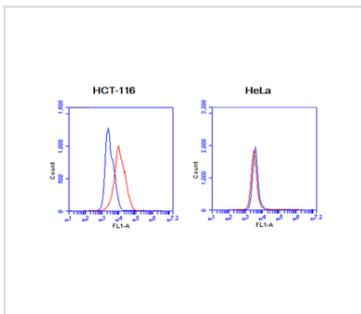
GTX635967 FACS Image

EpCAM antibody[GT25512] (GTX635967) detects EpCAM by flow cytometry analysis.
Sample: HeLa and HCT-116
Blue: Mouse IgG isotype control.
Red: EpCAM antibody[GT25512] (GTX635967) dilution: 1:50.
Acquisition of 20,000 events were collected for FACS analysis.
HCT116 (EpCAM positive), HeLa (EpCAM negative)
HCT116 (EpCAM positive), HeLa (EpCAM negative)

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