EpCAM recombinant monoclonal antibody (28)

Epithelial Cell Adhesion Molecule (EpCAM) is a cell surface protein involved in cell adhesion, proliferation, and differentiation. It is overexpressed in many epithelial cancers, making it a significant marker for tumor detection, cancer stem cells, and targeted therapies in oncology.

This antibody is covered by our Worry-Free Guarantee.

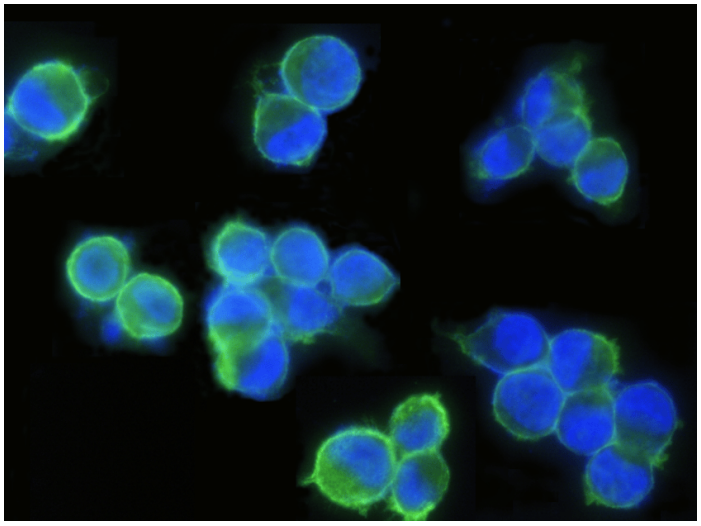
Ordering Information

Order Online »

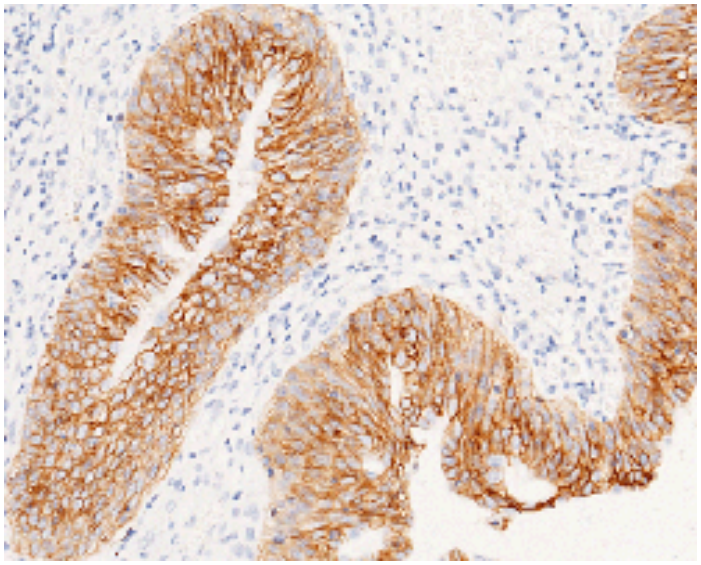
ENZ-ABS1031-0100	100µl

Manuals, SDS & CofA

View Online »



Immunofluorescence staining of Human EpCAM in SKBR3 cells. Cells were fixed with 4% PFA, blocked with 10% serum, and incubated with Rabbit anti-Human EpCAM monoclonal antibody (1:500) at 4°C overnight. Then cells were stained with the Alexa Fluor® 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to plasma membrane.



Immunochemical staining of human EpCAM in human bladder carcinoma with rabbit monoclonal antibody at 1:2500 dilution, formalin-fixed paraffin embedded sections. Positive staining was localized to membrane of transitional epithelium.

Handling & Storage

Handling	Avoid freeze-thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Epithelial cell adhesion molecule, TROP-1, TACSTD1
Application	ELISA, Flow Cytometry, ICC, IF, IHC (PS), IP, WB
Clone	28
Crossreactivity	No cross-reactivity in ELISA with human CD146 / MCAM, human CD171 / N-CAML1 / L1CAM, human OBCAM / OPCML, human TROP2 / TACSTD2.
Formulation	Liquid. 0.2 µm filtered solution in PBS. Preservative free. Carrier-free.
Host	Rabbit
Immunogen	Recombinant human EpCAM / TROP1.
Isotype	IgG
Purity Detail	Protein A purified.
Recommendation Dilutions/Conditions	ELISA (1:25’000-1:50’000)Immunohistochemistry (paraffin sections) (1:1’000-1:5’000)Western Blot (1:500-1:1’000)Immunocytochemistry / Immunofluorescence (1:250-1:5’000)Flow Cytometry (1:100-1:500)Immunoprecipitation (0.2-1 µL/mg of lysate)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Species Reactivity	Human

Worry-free Guarantee

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