

Recombinant EpCAM Monoclonal Antibody

catalog number: E-AB-81555

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

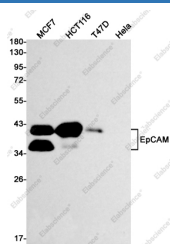
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant protein of human EpCAM
Host	Rabbit
Isotype	Rabbit IgG
Clone	C113341
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications

Recommended Dilution

WB	1:500-1:1000
IHC	1:50-1:100
IF	1:20-1:100

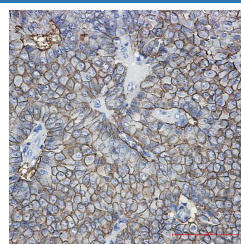
Data



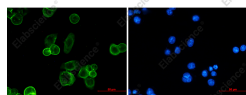
Western blot detection of EpCAM in MCF7, HCT116, T47D, Hela cell lysates using EpCAM Rabbit mAb (1:1000 diluted). Predicted band size: 35 kDa. Observed band size: 40 kDa.

Observed-MW: 40 kDa

Calculated-MW: 35 kDa



Immunohistochemistry of EpCAM in paraffin-embedded Human breast cancer tissue using EpCAM Rabbit mAb at dilution 1:50



Immunofluorescence of EpCAM (green) in MCF-7 using EpCAM antibody at dilution 1:20, and DAPI (blue)

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

Toll-free: 1-888-852-8623
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Rev. V1.9

Epithelial cell adhesion molecule (EpCAM,CD326) is a type I transmembrane glycoprotein that functions as a homophilic,epithelial-specific intercellular cell-adhesion molecule. In addition to cell adhesion,EpCAM is also involved in cellular signaling,cell migration,proliferation,and differentiation. EpCAM is highly expressed on most carcinomas and therefore of potential use as a diagnostic and prognostic marker for a variety of carcinomas,and has become a therapeutic target.