

Recombinant EpCAM Monoclonal Antibody

Catalog Number:E-AB-81555



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

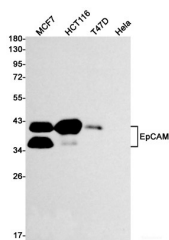
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant protein of human EpCAM
Host	Rabbit
Isotype	IgG
Clone	R08-8D1
Purification	Affinity Purified
Conjugation	Unconjugated
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein

Applications Recommended Dilution

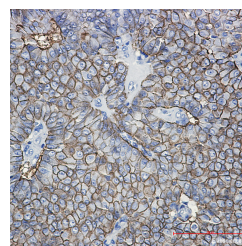
WB	1:500-1:1000
IHC	1:50-1:100
IF	1:20-1:100

Data

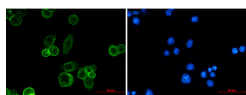


Western blot detection of EpCAM in MCF7,HCT116,T47D,HeLa cell lysates using EpCAM Rabbit mAb(1:1000 diluted).Predicted band size:35kDa.Observed band size:40kDa.

Observed Mw:40kDa
Calculated Mw:35kDa



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

For Research Use Only

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Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

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.

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