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EpCAM

Reactivity: Human

Tested applications:WB

Recommended Dilution:WB 1:500 - 1:2000

Calculated MW:39kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human EpCAM

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

EPCAM;DIAR5;EGP-2;EGP314;EGP40;ESA;GA733-2;HNPCC8;KS1/4;KSA;M4S1;MIC18;MK-1;TACSTD1;TROP1;KSA;

Catalog #:A0895

Antibody Type:

Monoclonal Antibody

Species: Mouse

Gene ID:4072

Isotype: IgG

Swiss Prot:P16422

Purity: Affinity purification

For research use only.

Background:

Epithelial cell adhesion and activating molecule (EpCAM/CD326) is a transmembrane glycoprotein that mediates Ca2+-independent, homophilic adhesions on the basolateral surface of most epithelial cells. EpCAM is not expressed in adult squamous epithelium, but it is highly expressed in adeno and squamous cell carcinomas (1). One of the first tumor-associated antigens discovered, EpCAM has long been a marker of epithelial and tumor tissue. Because of its high expression in cancer, EpCAM has become a therapeutic target for human solid tumors of epithelial lineage (reviewed in 2,3).

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