

## 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 Ca<sup>2+</sup>-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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