

## CD326 monoclonal antibody

Catalog: MB66902

Host: Mouse

Reactivity: Human

### BackGround:

Epithelial cell adhesion and activating molecule 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. Research studies identified EpCAM as one of the first tumor-associated antigens, and it has long been a marker of epithelial and tumor tissue. Investigators have shown that EpCAM is highly expressed in cancer cells.

### Product:

Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.

### Molecular Weight:

~ 40 kDa

### Swiss-Prot:

P16422

### Purification&Purity:

This antibody is purified through a protein G column.

### Applications:

WB (1/1000 - 1/4000), IHC (1/50 - 1/200)

### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

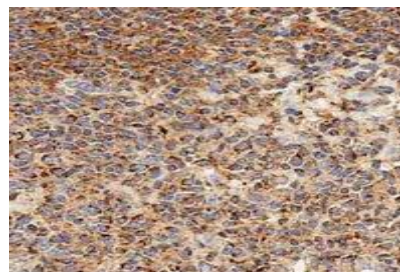
### Specificity:

Recognizes endogenous levels of CD326 protein.

### DATA:



Western blot analysis of CD326 expression in HT29 (A), MCF7 (B) whole cell lysates.



Immunohistochemical analysis of CD326 staining in human appendix formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

### Note:

For research use only, not for use in diagnostic procedure.

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