ABGENEX Pvt. Ltd., E-5, Infocity, KIIT Post Office, Tel: +91-674-2720712, +91-9437550560 Email: info@abgenex.com

Bhubaneswar, Odisha - 751024, INDIA

## 10-7503: Monoclonal Antibody to EpCAM (CD326) Cytoplasmic Domain (Clone: ABM2C92)

Clonality: Monoclonal ABM2C92 Clone Name: Application: IHC.WB Reactivity: Human Gene: **EPCAM** Gene ID: 4072 **Uniprot ID:** P16422 Format: Purified

Alternative Name : Epcam,Tacstd1

Isotype : Mouse IgG2b Kappa

Immunogen Information: A partial length recombinant human EpCAM (amino acids 110-314) was used as the immunogen

for this antibody.

## **Description**

EpCAM is a Mr 40,000, type I transmembrane glycoprotein that consists of two epidermal growth factor-like extracellular domains, a cysteine-poor region, a transmembrane domain, and a short cytoplasmic tail. EpCAM is encoded by the GA733-2 gene located on the long arm of chromosome 4. EpCAM has been described by various names, including those associated with monoclonal antibodies specific for the cell surface antigen (MH99, AUA1, MOC31, 323/A3, KS1/4, GA733, and HEA125) and cDNA clones used to define the antigen KS 1/4, EGP, EGP40, and GA733-2.

## **Product Info**

**Amount :** 25 μg / 100 μg

**Purification:** Protein G Chromatography

Content: 25 μg in 50 μl/100 μg in 200 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium

azide is highly toxic.

Storage condition:

Storage condition:

Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

## **Application Note**

Western blot analysis: 4-6 µg/ml, Immunohistochemical analysis: 5 µg/ml

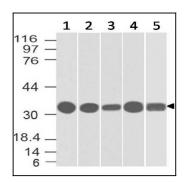


Figure-1: Western blot analysis of EpCAM. Anti- EpCAM antibody (Clone: ABM2C92) was used at 4 µg/ml on (1) h Intestine, (2) PANC-28, (3) A549, (4) h Kidney and (5) Hela lysates.



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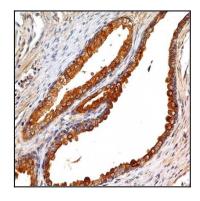


Figure-2 : Immunohistochemical analysis of EpCAM in human prostate tissue using EpCAM antibody (Clone: ABM2C92) at 5  $\mu$ g/ml.