

## 44-1143: Anti-Ep-Cam Monoclonal Antibody (Clone:IHC567)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	IHC567
<b>Application :</b>	IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	EPCAM
<b>Gene ID :</b>	4072
<b>Uniprot ID :</b>	P16422
<b>Format :</b>	Purified

**Alternative Name :** Adenocarcinoma-associated antigen, Cell surface glycoprotein Trop-1, Epithelial cell surface antigen, Epithelial glycoprotein, Epithelial glycoprotein 314, KS 1/4 antigen, KSA, Major gastrointestinal tumor-associated protein GA733-2, Tumor-associated calcium signal transducer 1, GA733-2, M1S2, M4S1, MIC18, TACSTD1, TROP1

### Description

Epithelial Cell Adhesion Molecule (EpCAM) is a transmembrane glycoprotein that mediates cell-cell adhesion in epithelia. It is normally present on most baso-lateral surfaces of normal epithelial cells and is absent in myoepithelial cells, hepatocytes, adult squamous epithelia, mesothelial cells, and fibroblasts. Anti-EpCAM stains most adenocarcinomas and neuroendocrine tumors, including small cell carcinomas. A minority of renal clear cell carcinoma, renal oncocytoma, and hepatocellular carcinoma stain positively for EpCAM, while Anti-EpCAM stains nearly all basal cell carcinoma. Anti-EpCAM stains chromophobe renal cell carcinoma, papillary renal cell carcinoma, and cholangiocarcinoma more frequently. Anti-EpCAM can be useful for distinguishing malignancy in the peritoneal and pleural cavities.

### Product Info

<b>Amount :</b>	0.1 ml / 1 ml
<b>Purification :</b>	Protein A/G Chromatography
<b>Storage condition :</b>	Store at 2°C - 8°C.

### Application Note

Recommended dilutions: Immunohistochemical analysis: 1:100 - 1:200. However, this need to be optimized based on the research applications.

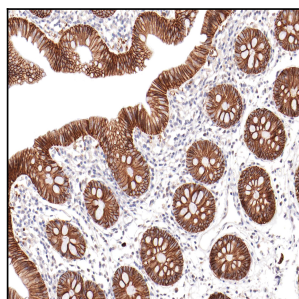


Figure 1: Immunohistochemical analysis of Ep-CAM/Epithelial Specific Antigen (IHC567) on Colon