

## 44-1144: Anti-Ep-Cam Monoclonal Antibody (Clone:IHC567)-Ready to Use

**Clonality :** Monoclonal

**Clone Name :** IHC567

**Application :** IHC

**Reactivity :** Human

**Gene :** EPCAM

**Gene ID :** 4072

**Uniprot ID :** P16422

**Format :** Predilute

**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

**Amount :** 7 ml

**Purification :** Protein A/G Chromatography

**Storage condition :** Store at 2°C - 8°C.

### Application Note

This product is available in ready to use format, hence no dilution is required.

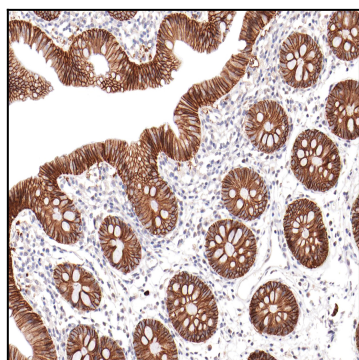


Figure 1: Immunohistochemical analysis of Ep-CAM/Epithelial Specific Antigen (IHC567) on Colon