

**EPCAM (H150) polyclonal antibody**

Catalog: BS1935

Host: Rabbit

Reactivity: Human, Mouse, Rat

**BackGround:**

The epithelial cell adhesion molecule Ep-CAM, which is also design ated tumor-associated calcium signal transducer 1 and MK-1, is a monomeric membrane glycoprotein that is expressed in most normal human epithelium and in most carcinomas. The human Ep-CAM gene encodes a 314 amino acid protein that is expressed as two forms, a 40 kDa major form and a 42 kDa minor form, which are reduced to 35 kDa upon treatment with the aminoglycosylation inhibitor tunicamycin. Ep-CAM is overexpressed in a variety of carcinomas and is, therefore, a potential target for the visualization and therapy of human solid tumours. Ep-CAM contains an extracellular domain containing two epidermal growth factor-like repeats, followed by a cysteine-poor region, which are necessary for the adhesion properties of the molecule.

**Product:**

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

**Molecular Weight:**

~ 40 kDa

**Swiss-Prot:**

P16422

**Purification&Purity:**

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

**Applications:**

IHC: 1:50~1:200

IF: 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:**

EPCAM (H150) polyclonal antibody detects endogenous levels of EPCAM protein.

**DATA:****Note:**

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

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