

Anti-EPCAM antibody

Cat. No.	ml260301
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-EPCAM rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human EPCAM
Reactivity	Human, Mouse, Rat
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	EPCAM
Full name	epithelial cell adhesion molecule
Synonyms	ESA, KSA, M4S1, MK-1, DIAR5, EGP-2, EGP40, KS1/4, MIC18, TROP1, EGP314, HNPCC8, TACSTD1
Swissprot	P16422

Target Background

This gene encodes a carcinoma-associated antigen and is a member of a family that includes at least two type I membrane proteins. EpCAM is a pan-epithelial differentiation antigen that is expressed on almost all carcinomas. Its constitutional function is being elucidated. It is intricately linked with the Cadherin-Catenin pathway and hence the fundamental WNT pathway responsible for intracellular signalling and polarity. It has been used as an immunotherapeutic target in the treatment of gastrointestinal, urological and other carcinomas. It is expressed in undifferentiated pluripotent stem cells. tufting enteropathy.

订购热线: 4008-898-798

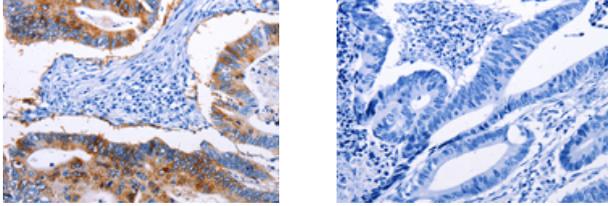
Applications

Immunohistochemistry

Predicted cell location: Cell membrane, Cytoplasm

Positive control: Human colon cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml260301(EPCAM Antibody) at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

ELISA

Recommended dilution: 1000-5000

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