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<b>Product name:</b>	EpCAM (15A7) Rabbit Monoclonal Antibody
<b>Cat number:</b>	MABN10506
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100µL
<b>Clone:</b>	Monoclonal
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	A synthetic peptide of human EpCAM
<b>Reactivity:</b>	Human
<b>Applications:</b>	WB 1:1000-1:5000,IHC 1:100-1:200,IF-P 1:100-1:200
<b>Molecular Weight:</b>	35kDa
<b>Purification:</b>	Affinity purification
<b>Form:</b>	Liquid
<b>Buffer:</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage:</b>	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
<b>Background:</b>	Epithelial cell adhesion and activating molecule (EpCAM/CD326) is a transmembrane glycoprotein that mediates Ca <sup>2+</sup> independent, homophilic adhesions on the basolateral surface of most epithelial cells. The antigen is being used as a target for immunotherapy treatment of human carcinomas. May act as a physical homophilic interaction molecule between intestinal epithelial cells (IECs) and intraepithelial lymphocytes (IELs) at the mucosal epithelium for providing immunological barrier as a first line of defense against mucosal infection. Plays a role in embryonic stem cells proliferation and differentiation. Up-regulates the expression of FABP5, MYC and cyclins A and E.