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Anti-EpCAM Rabbit mAb [86E92]

Catalog No.: A52056

Basic Information

Catalog No. (Cat.No.)	A52056
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	EpCAM,TACSTD1,GA733-2,TAG-1

Product Information

Target	EpCAM
Molecular Weight(Calculated)	35 kDa
Molecular Weight(Observed)	40 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	86E92
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:1000-1:5000
IHC	1:200-1:1000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Epithelial cell adhesion molecule
Gene Name	*EPCAM*
Domain	NA
Background	EpCAM (Epithelial cell adhesion molecule) is an epithelial adhesion molecule family member, exerting roles in epithelial intercellular adhesion, cell proliferation and signal transduction. EpCAM is predominantly expressed on epithelial cells and markedly up-regulated in diverse epithelial-origin tumor cells. Homotypic EpCAM interactions mediate weak cell-cell adhesion. Its intracellular domain can be proteolytically cleaved and translocated into nucleus to modulate transcription of cell-cycle-related genes and boost cell proliferation. During oncogenesis, EpCAM contributes to epithelial-mesenchymal transition and cancer stem-cell maintenance, correlating with tumor proliferation, invasion and poor prognosis.