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Anti-pan Cadherin Rabbit mAb [86A82]

Catalog No.: A52263

Basic Information

Catalog No. (Cat.No.)	A52263
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	pan Cadherin,Pan-Cadherin

Product Information

Target	pan Cadherin
Molecular Weight(Calculated)	100 kDa
Molecular Weight(Observed)	130 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	86A82
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	1:2000-1:10000
IHC	1:1000-1:4000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Pan-cadherin
Gene Name	*NA*
Domain	NA
Background	Pan-Cadherin recognizes conserved intracellular domain across cadherin superfamily and broadly detects total abundance of classical cell-cell adhesion molecules. The immunogen corresponds to highly conserved C-terminal cytoplasmic motif shared by E-cadherin, N-cadherin, P-cadherin and other classical cadherins without isoform discrimination. Intracellular tails of classical cadherins recruit catenins and link actin cytoskeleton to mediate Ca2+-dependent homophilic cell-cell adhesion, supporting tissue morphogenesis, cell polarity and cell migration. Pan-cadherin antibody measures global cadherin pool rather than individual isoform.