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Anti-IGF1 Receptor Rabbit mAb [95A38]

Catalog No.: A52181

Basic Information

Catalog No. (Cat.No.)	A52181
Host species	Rabbit
Reactivity	Human
Applications	WB,IHC,IF,ELISA
Synonyms	IGF1 Receptor,IGF-1R

Product Information

Target	IGF1 Receptor
Molecular Weight(Calculated)	154 kDa
Molecular Weight(Observed)	200 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	95A38
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	1:100-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Insulin-like growth factor-1 receptor
Gene Name	*IGF1R*
Domain	NA
Background	IGF-1 Receptor (Insulin-like growth factor 1 receptor, IGF-1R) is a receptor tyrosine kinase (RTK) family transmembrane glycoprotein at cell surface. Upon binding IGF-1 or IGF-2 ligands, it triggers downstream PI3K-AKT and MAPK cascades to govern cell proliferation, survival, differentiation and metabolism. IGF-1R signaling supports embryonic development and tissue homeostasis. Pathological hyper-activation fuels tumor proliferation, metastasis and therapeutic resistance.