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Anti-METTL3 Rabbit mAb [08B58]

Catalog No.: A52215

Basic Information

Catalog No. (Cat.No.)	A52215
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	METTL3,Methyltransferase-like 3,KAT22

Product Information

Target	METTL3
Molecular Weight(Calculated)	64 kDa
Molecular Weight(Observed)	70 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	08B58
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	1:200-1:400
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Methyltransferase-like-3
Gene Name	*METTL3*
Domain	NA
Background	METTL3 (Methyltransferase-like 3) is the core catalytic subunit of nuclear m6A methyltransferase writer complex. It heterodimerizes with METTL14 and catalyzes N6-methyladenosine (m6A) deposition onto mRNA and other RNA species. METTL3 controls RNA processing and metabolism, and is essential for embryogenesis and stem-cell differentiation. Dysregulated METTL3 promotes tumor proliferation and metastasis. METTL3 is a central epitranscriptomic target.