Ablumir
Built Around Immunology

Anti-KDM1A Rabbit mAb [73G33]

Catalog No.: A52209

Basic Information

Catalog No. (Cat.No.)	A52209
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	KDM1A,LSD1,BHC110,KDM1

Product Information

Target	KDM1A
Molecular Weight(Calculated)	93 kDa
Molecular Weight(Observed)	110 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	73G33
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

Ablumir
Built Around Immunology

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	Lysine-specific histone demethylase-1A
Gene Name	*KDM1A*
Domain	NA
Background	KDM1A (Lysine-specific demethylase 1A, LSD1) is a nuclear epigenetic enzyme belonging to histone lysine demethylase family. It catalyzes demethylation of histone H3K4me1/me2 and H3K9me1/me2 to remodel chromatin status and fine-tune gene transcription. KDM1A maintains stem-cell pluripotency and orchestrates cell differentiation. Its aberrant over-expression promotes oncogenesis, rendering KDM1A an attractive target for epigenetic anti-cancer drug development.