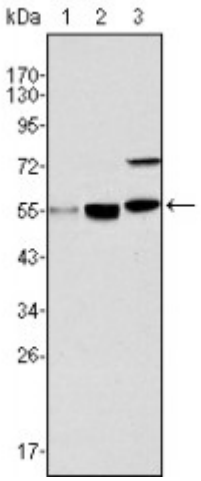
Anti-MOF antibody



Description	Mouse monoclonal to MOF.

Model	STJ98250
Host	Mouse
Reactivity	Human
Applications	ELISA, IF, IHC, WB
Immunogen	Purified recombinant fragment of human MOF expressed in E. Coli.
Gene ID	84148
Gene Symbol	KAT8
Dilution range	WB 1:500-1:2000IHC 1:200-1:1000IF 1:200-1:1000ELISA 1:10000
Specificity	MOF Monoclonal Antibody detects endogenous levels of MOF protein.
Purification	Affinity purification
Clone ID	8C4C4
Note	For Research Use Only (RUO).
Protein Name	Histone acetyltransferase KAT8 Lysine acetyltransferase 8 MOZ, YBF2/SAS3, SAS2 and TIP60 protein 1 MYST-1 hMOF
Clonality	Monoclonal
Conjugation	Unconjugated
Isotype	IgG2b
Formulation	Ascitic fluid containing 0.03% sodium azide.

Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:17933OMIM:609912
Alternative Names	Histone acetyltransferase KAT8 Lysine acetyltransferase 8 MOZ, YBF2/SAS3, SAS2 and TIP60 protein 1 MYST-1 hMOF
Function	Histone acetyltransferase which may be involved in transcriptional activation. May influence the function of ATM. As part of the MSL complex it is involved in acetylation of nucleosomal histone H4 producing specifically H4K16ac. As part of the NSL complex it may be involved in acetylation of nucleosomal histone H4 on several lysine residues. That activity is less specific than the one of the MSL complex. Can also acetylate TP53/p53 at 'Lys-120'.
Cellular Localization	Nucleus Chromosome
Post-translational Modifications	Autoacetylation at Lys-274 is required for binding histone H4 with high affinity and for proper function.