

Mouse anti-Human NO66 Monoclonal Antibody | anti-NO66 antibody

NO66 (652) Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62389	Mouse	Human	Immunoprecipitation, Flow Cytometry, Functional Assay, Western Blot

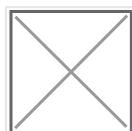
PRODUCT SYNONYMS

NO66; Monoclonal Antibody; NO66 (652) Mouse mAb; NO66(652) Mouse mAb; 60S ribosomal protein L8 histidine hydroxylase; Bifunctional lysine-specific demethylase and histidyl-hydroxylase NO66; Histone lysine demethylase NO66; hsNO66; lysine-specific demethylase NO66; MAPJD; MYC-associated protein with JmjC domain; Nucleolar protein 66; Ribosomal oxygenase 1; Ribosomal oxygenase NO66; ROX; up-regulated in lung cancer 2; C14orf169; RIOX1; URLC2; anti-NO66 antibody

PRODUCT SPECIFICATIONS

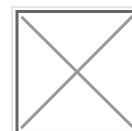
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Sequence Length	641
Applicable Applications for anti-NO66 antibody	IP (Immunoprecipitation), FCM/FACS (Flow Cytometry), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing mice with a sythetic peptide(KLH coupled)corresponding to amino-terminal residues of human NO66
Preparation and Storage	Store at -20 degree C. Stable for one year from the date of shipment.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 2% paraformaldehyde-fixed Jurkat (Human T cell leukemia cells from peripheral blood) cells labeling NO66(652) with M25089 at 1/200 dilution (red) compared with a mouse monoclonal IgG isotype control (blue) and an unlabelled control (cells without incubation with primary antibody, green). Goat anti-mouse IgG (FITC) at 1/300 dilution was used as the secondary antibody.



WB (Western Blot)

NO66(652) was immunopre-cipitated from 1mg of Jurkat cells membrane fraction, blotted with M25089 of 10 ug. Western blot was performed from the immunopre-cipitate using M25089 at 1/1000 dilution. Anti-Mouse-IgG(HRP), specific to the non-reduced form of IgG, was used as secondary antibody at 1/10000 dilution. Lane 1: Jurkat cells membrane fraction. Lane2: IP product of Jurkat cells membrane fraction.Predicted band size : 71 KDaObserved band size : 71 KDaBlocking and dilution buffer and concentration:5% milk/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-NO66 antibody

Oxygenase that can act as both a histone lysine demethylase and a ribosomal histidine hydroxylase. Specifically demethylates 'Lys-4' (H3K4me) and 'Lys-36' (H3K36me) of histone H3, thereby playing a central role in histone code. Preferentially demethylates trimethylated H3 'Lys-4' (H3K4me3) and monomethylated H3 'Lys-4' (H3K4me1) residues, while it has weaker activity for dimethylated H3 'Lys-36' (H3K36me2). Also catalyzes the hydroxylation of 60S ribosomal protein L8 on 'His-216'. Acts as a regulator of osteoblast differentiation via its interaction with SP7, OSX by demethylating H3K4me and H3K36me, thereby inhibiting SP7, OSX-mediated promoter activation (By similarity). May also play a role in ribosome biogenesis and in the replication or remodeling of certain heterochromatic region. Participates in MYC-induced transcriptional activation.

Product Categories/Family for anti-
NO66 antibody

Cell Marker; Subcellular Marker; Nucleoplasma

NCBI AND UNIPROT INFORMATION

NCBI GI #	106879206
NCBI GeneID	79697
NCBI Accession #	NP_078920.2
NCBI GenBank Nucleotide #	NM_024644.4
UniProt Accession #	Q9H6W3; B4DT02
Molecular Weight	Predicted MW: 71kDa
NCBI Official Full Name	ribosomal oxygenase 1
NCBI Official Synonym Full Names	ribosomal oxygenase 1
NCBI Official Symbol	RIOX1
NCBI Official Synonym Symbols	ROX; NO66; JMJD9; MAPJD; URLC2; hsNO66; C14orf169
NCBI Protein Information	ribosomal oxygenase 1
UniProt Protein Name	Ribosomal oxygenase 1
UniProt Gene Name	RIOX1
UniProt Synonym Gene Names	C14orf169; MAPJD; NO66; hsNO66; ROX

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/no66-antibody-immunoprecipitation-flow-cytometry-western-blot-elisa/62389>