

Anti-KDM1/LSD1 Antibody (7M491)

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 93 kDa. Actual: 120 kDa.
Clone:	7M491
Purification:	Protein A purified

Applications

Verified Activity:	25 µg total protein per lane of various lysates (see on figure) probed with KDM1/LSD1 monoclonal antibody, unconjugated (TMAB-07973) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
Application:	WB,IP
Recommended	WB: 1:500-2000; IP: 1:20-50

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human KDM1
Antigen Species:	Human
Gene ID:	23028
Uniprot ID:	O60341

Research Background

Histone demethylase that can demethylate both 'Lys-4' (H3K4me) and 'Lys-9' (H3K9me) of histone H3, thereby acting as a coactivator or a corepressor, depending on the context. Acts by oxidizing the substrate by FAD to generate the corresponding imine that is subsequently hydrolyzed.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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