

Anti-KDM5A Antibody (3J281)

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse)
Molecular Weight:	Theoretical: 192 kDa. Actual: 200 kDa.
Clone:	3J281
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. 4% Paraformaldehyde-fixed Hela (H) cell; Triton X-100 at r. T. for 20 min; Antibody incubation with (KDM5A) monoclonal Antibody, unconjugated (TMAB-07979) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green) at 37°C for 90 min, DAPI (blue) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.</p> <p>2. 25 µg total protein per lane of various lysates (see on figure) probed with KDM5A monoclonal antibody, unconjugated (TMAB-07979) at 1: 2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.</p>
Application:	WB,ICC/IF,IP,FCM
Recommended	WB: 1:500-2000; ICC/IF: 1:50-200; IP: 1:20-50; FCM: 1:50-100

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 KDM5A
Antigen Species:	Human
Gene ID:	5927
Uniprot ID:	P29375

Research Background

Histone demethylase that specifically demethylates 'Lys-4' of histone H3, thereby playing a central role in histone code. Does not demethylate histone H3 'Lys-9', H3 'Lys-27', H3 'Lys-36', H3 'Lys-79' or H4 'Lys-20'. Demethylates trimethylated and dimethylated but not monomethylated H3 'Lys-4'.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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