LSD1/AOF2 Mouse Monoclonal Antibody

E10-20055

Background: The amine oxidase domain 2 (AOF2) gene encodes a nuclear protein (LSD1, ~95kDa) containing a Swirm domain, a FAD-binding motif, and an amine oxidase domain. This protein is a component of several histone deacetylase complexes, though it silences genes by functioning as a histone demethylase. LSD1 is a chromatin-modifying enzyme, which serve as a docking module for the stabilization of the associated corepressor complex (es) on chromatin.

Catalog Number: E10-20055

Amount: 100μg/100μl

Clone Number: 1B2E5

Species: Mouse IgG1

MW 93kDa

Aliases: KDM1; LSD1; AOF2

Entrez Gene: 23028

Immunogen: Purified recombinant fragment of human LSD1 expressed in E. Coli.

Storage: Store at 4℃, for long term storage, store at -20℃

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human; Mouse; Monkey

Tested Applications: WB, IF, ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes: WB.1/500 - 1/2000, IF.1/200 - 1/1000, ELISA. Propose dilution 1/10000.

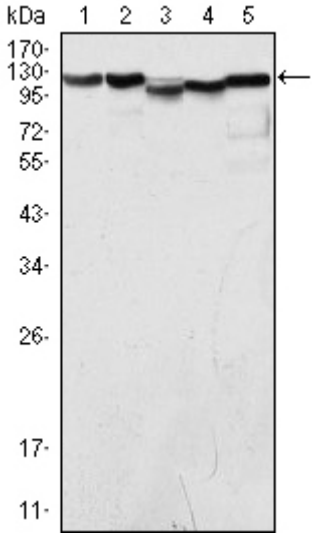

Figure 1. Western blot analysis using LSD1 mouse mAb against COS (1), Hela (2), NIH/3T3 (3), A549 (4) and Jurkat (5) cell lysate.

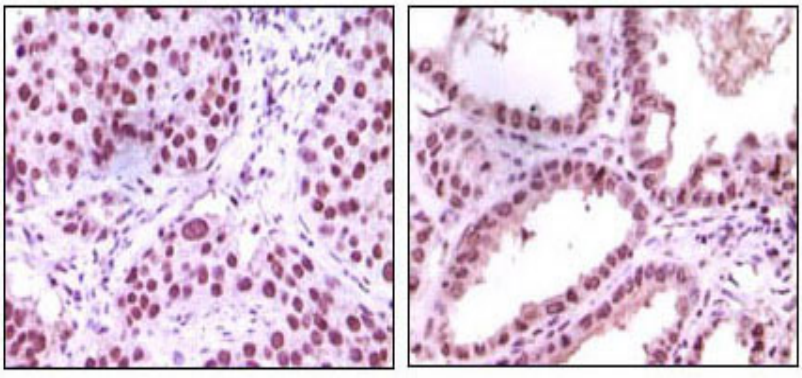

Figure 2. Immunohistochemical analysis of paraffin-embedded human lung carcinoma (left) and kidney carcinoma (right), showing nuclear localization using LSD1 mouse mAb with DAB staining.

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