A Reliable Research Partner in Life Science and Medicine

Recombinant LSD2/AOF1 Monoclonal Antibody

catalog number: AN301732L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human;

Immunogen Recombinant human LSD2/AOF1 fragment

Host Rabbit Isotype lgG, κ Clone A440

Purification Protein Apurified

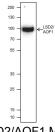
Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

1:1000-1:2000 WB

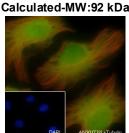
IF 1:50 1:50-1:100 **FCM**

Data



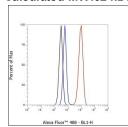
Western Blot with LSD2/AOF1 Monoclonal Antibody at dilution of 1:1000. Lane 1: SH-SY5Y

Observed-MW:100 kDa



Western Blot with LSD2/AOF1 Monoclonal Antibody at dilution of 1:2000. Lane 1: K-562

> Observed-MW:100 kDa Calculated-MW:92 kDa



Immunofluorescent analysis of (4% Paraformaldehyde) fixed Flow cytometric analysis of human LSD2/AOF1 expression dilution of 1:50.

HeLa cells using anti-LSD2/AOF1 Monoclonal Antibody at on HeLa cells. Cells were stained with purified anti-Human LSD2/AOF1, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.

Rev. V1.0

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

For Research Use Only

Toll-free: 1-888-852-8623 Fax: 1-832-243-6017 Tel: 1-832-243-6086 Web: www.elabscience.com Email: techsupport@elabscience.com



Elabscience Bionovation Inc.

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LSD2, also known as AOF1, is a Lysine (K)-specific demethylase that is encoded by the KDM1B gene in human. LSD2 demethylates 'Lys-4' of histone H3, a specific tag for epigenetic transcriptional activation, thereby acting as a corepressor. LSD2 demethylates both mono- and Dimethylated 'Lys-4' of histone H3. It acts by oxidizing the substrate by FAD to generate the corresponding imine that is subsequently hydrolyzed.

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