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**[ Primary Antibody ]**

# Recombinant Rabbit Anti-KDM1A Monoclonal Antibody

**Catalog Number: SLA2737M**

**FOR RESEARCH USE ONLY**

**[ DATASHEET ]**

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|---|---|
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Monoclonal |
| **Clone No.:** | 1A9 |
| **GeneID:** | 23028 |
| **SWISS:** | O60341 |
| **Target:** | KDM1A |
| **Immunogen:** | A synthesized peptide derived from human KDM1 |
| **Purification:** | affinity purified by Protein A |
| **Storage:** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles. |
| **Applications:** | WB (1:500-2000)<br>IP (1:20-50)<br>Not yet tested in other applications.<br>Optimal working dilutions must be determined by the end user. |
| **Reactivity:** | Human |
| **Predicted MW.:** | 93 kDa |
| **Subcellular Location:** | Nucleus |
| **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. |

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.