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Datasheet for ABIN5611347  
**anti-KDM4B antibody (AA 960-1096)**

4 Images

### Overview

Quantity:	0.1 mg
Target:	KDM4B
Binding Specificity:	AA 960-1096
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC), Neutralization (Neut)

### Product Details

Immunogen:	Purified recombinant fragment of human KDM4B (AA: 960-1096) expressed in E. coli.
Clone:	3A6H6
Isotype:	IgG1
Purification:	purified

### Target Details

Target:	KDM4B
Alternative Name:	KDM4B ( <a href="#">KDM4B Products</a> )
Background:	Description: KDM4B (Lysine Demethylase 4B) is a Protein Coding gene. Among its related pathways are Chromatin organization and DNA Double-Strand Break Repair. GO annotations related to this gene include dioxygenase activity. An important paralog of this gene is KDM4C.

## Target Details

Aliases: JMJD2B, TDRD14B

Molecular Weight: 122 kDa

Gene ID: 23030

HGNC: 23030

Pathways: [Warburg Effect](#)

## Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: N/A

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified antibody in PBS with 0.05 % sodium azide

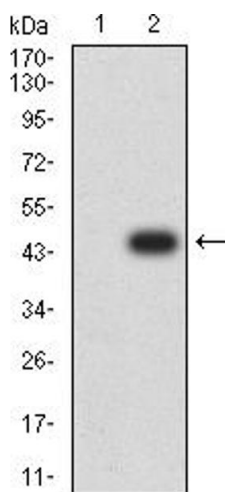
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

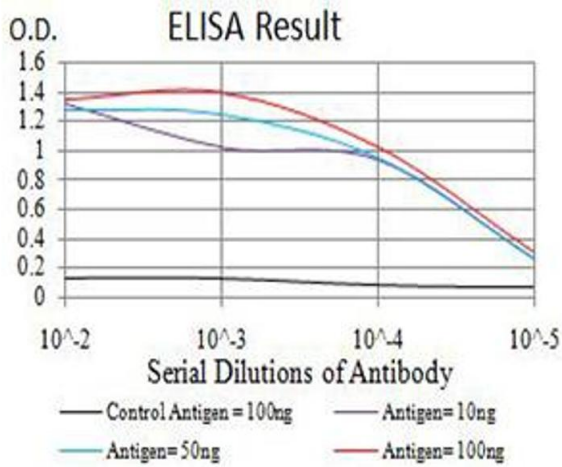
Storage Comment: 4°C, -20°C for long term storage

## Images



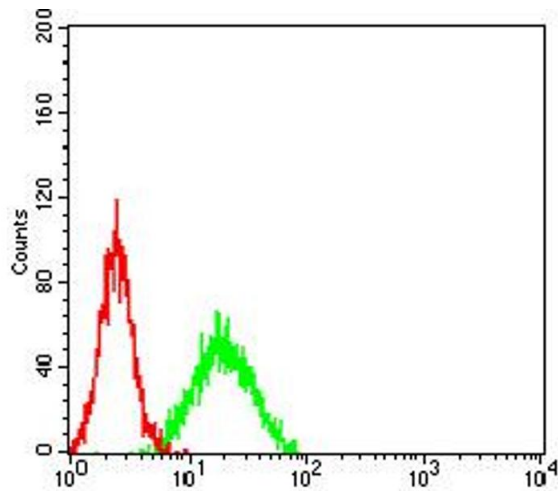
### Western Blotting

**Image 1.** Western blot analysis using KDM4B mAb against HEK293 (1) and KDM4B (AA: 960-1096)-hlgGfc transfected HEK293 (2) cell lysate.



### ELISA

**Image 2.** Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)



### Flow Cytometry

**Image 3.** Flow cytometric analysis of NIH/3T3 cells using KDM4B mouse mAb (green) and negative control (red).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN5611347.