



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

# PRODUCT INFORMATION



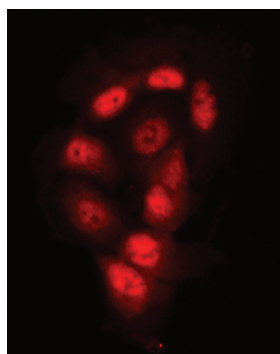
## JMJD2D Polyclonal Antibody

Item No. 10383

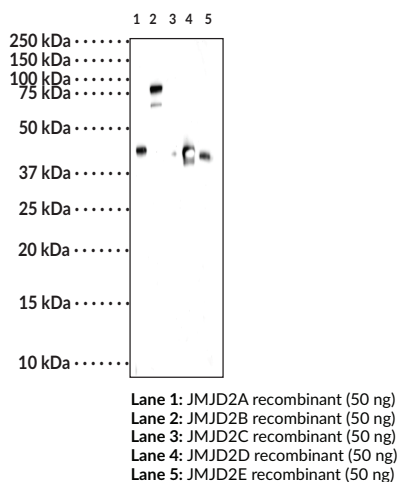
### Overview and Properties

|                            |   |
|----------------------------|---|
| <b>Contents:</b>           | This vial contains 500 µl affinity-purified polyclonal antibody.  |
| <b>Synonyms:</b>           | Jumonji Domain Containing 2D, KDM4D, Lysine-Specific Demethylase 4D   |
| <b>Immunogen:</b>          | Human recombinant JMJD2D protein, amino acids 1-354   |
| <b>Cross Reactivity:</b>   | (+) JMJD2D, JMJD2A, JMJD2B, JMJD2C, JMJD2E  |
| <b>Species Reactivity:</b> | (+) Human and mouse; other species not tested   |
| <b>Uniprot No.:</b>        | Q6B0I6  |
| <b>Form:</b>               | Liquid  |
| <b>Storage:</b>            | -20°C (as supplied)   |
| <b>Stability:</b>          | ≥3 years  |
| <b>Storage Buffer:</b>     | PBS, pH 7.2, with 50% glycerol and 0.02% sodium azide   |
| <b>Host:</b>               | Rabbit  |
| <b>Isotype:</b>            | IgG   |
| <b>Applications:</b>       | Flow cytometry (FC), immunocytochemistry (ICC), immunoprecipitation (IP), and Western blot (WB); the recommended starting dilutions are 1:100 for FC and ICC, 10 µl per test for IP, and 1:200 for WB. Other applications were not tested, therefore optimal working concentration/dilution should be determined empirically. |

### Images



Cells: DLD1 (Human Colorectal Adenocarcinoma); primary staining observed in nuclei but also some cytosolic signal. Cells were fixed with 1% formaldehyde, permeabilized with 0.1% Triton X-100, and blocked with normal goat serum.  
Primary Antibody: 10 µg/ml JMJD2D Polyclonal Antibody  
Secondary Antibody: Goat Anti-Rabbit Cy3, 1:250



### Description

Jumonji Domain Containing 2D (JMJD2D) is a lysine specific demethylase with emerging roles in histone modification or epigenetic remodeling.<sup>1</sup> This JMJD2D polyclonal antibody was raised against a N-terminal recombinant fragment of JMJD2D. JMJD2D is detected at 60 kDa by western blotting using a DLD1 cell lysate as a positive control.

### Reference

1. Metzger, E. and Schüle, R. *Nature Structural and Molecular Biology* **14**(4), 252-254 (2007).

**WARNING**  
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

**SAFETY DATA**  
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

**WARRANTY AND LIMITATION OF REMEDY**  
Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

Copyright Cayman Chemical Company, 11/07/2023

**CAYMAN CHEMICAL**  
1180 EAST ELLSWORTH RD  
ANN ARBOR, MI 48108 · USA  
PHONE: [800] 364-9897  
[734] 971-3335  
FAX: [734] 971-3640  
CUSTSERV@CAYMANCHEM.COM  
WWW.CAYMANCHEM.COM