

Datasheet for ABIN650707  
**anti-EZH2 antibody (N-Term)**

6 Images

1 Publication

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## Overview

Quantity:	400 µL
Target:	EZH2
Binding Specificity:	AA 1-296, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EZH2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This EZH2 antibody is generated from rabbits immunized with a recombinant fragment (N-term) protein from human EZH2.
Clone:	RB23144
Isotype:	IgG
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	EZH2
Alternative Name:	EZH2 ( <a href="#">EZH2 Products</a> )

## Target Details

Background:	EZH2 is a protein that transfers sulfate to the C-4 hydroxyl of beta-1,4-linked GalNAc flanked by GlcUA residues in chondroitin.
Molecular Weight:	85363
Gene ID:	2146
NCBI Accession:	<a href="#">NP_001190176</a> , <a href="#">NP_001190177</a> , <a href="#">NP_001190178</a> , <a href="#">NP_004447</a> , <a href="#">NP_694543</a>
UniProt:	<a href="#">Q15910</a>
Pathways:	<a href="#">Retinoic Acid Receptor Signaling Pathway</a> , <a href="#">Regulation of Muscle Cell Differentiation</a>

## Application Details

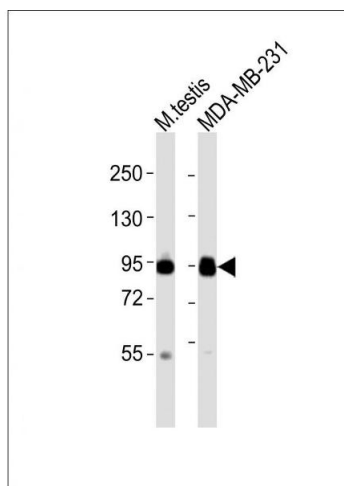
Application Notes:	IF: 1:25. WB: 1:2000. WB: 1:2000. WB: 1:1000. WB: 1:2000. WB: 1:2000. WB: 1:500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

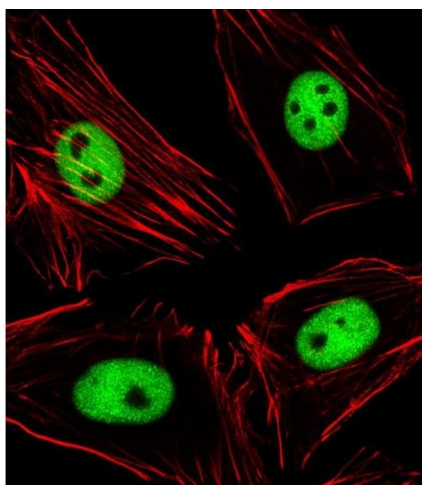
## Publications

Product cited in:	Wu, Xiong, Wang, Miao, Liu, Li, Zou, Liu, Zhao, Yang: "Comparative study of ROR2 and WNT5a expression in squamous/adenosquamous carcinoma and adenocarcinoma of the gallbladder." in: <b>World journal of gastroenterology</b> , Vol. 23, Issue 14, pp. 2601-2612, (2018) ( <a href="#">PubMed</a> ).
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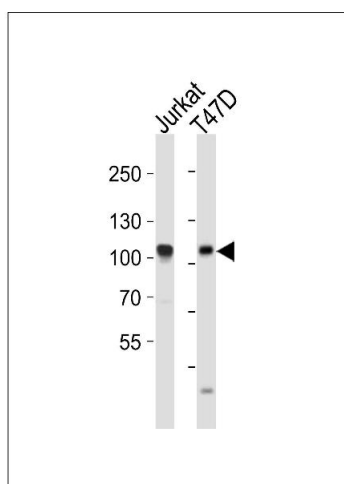
### Western Blotting

**Image 1.** All lanes : Anti-EZH2 Antibody at 1:2000 dilution  
Lane 1: mouse testis lysates Lane 2: MDA-MB-231 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 85 kDa  
Blocking/Dilution buffer: 5 % NFDm/TBST.



### Immunofluorescence

**Image 2.** Immunofluorescent analysis of 4 % paraformaldehyde-fixed, 0.1 % Triton X-100 permeabilized HeLa (Human cervical epithelial adenocarcinoma cell line) cells labeling EZH2 with (ABIN650707 and ABIN2839280) at 1/25 dilution, followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (1583138) secondary antibody at 1/400 dilution (green). Confocal image showing nuclear staining on HeLa cell line. Cytoplasmic actin is detected with Alexa Fluor® 555 conjugated with Phalloidin (OB16636430) at 1/100 dilution (red).



### Western Blotting

**Image 3.** Western blot analysis of lysates from Jurkat, T47D cell line (from left to right), using EZH2 Antibody (ABIN650707 and ABIN2839280). (ABIN650707 and ABIN2839280) was diluted at 1:2000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20 µg per lane.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN650707.