

À des fins de recherche uniquement

Anticorps Monoclonal anti-EZH2

Numéro de catalogue: 66476-1-Ig

Phare

5 Publications



Informations de base

Numéro de catalogue: 66476-1-Ig	Numéro d'acquisition GenBank: BC010858	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 2100 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 2146	CloneNo.: 1F10A12
Hôte: Mouse	Nom complet: enhancer of zeste homolog 2 (Drosophila)	Dilutions recommandées: WB 1:5000-1:20000
Isotype: IgG1	MW calculé: 751 aa, 86 kDa	
Immunogen Catalog Number: AG16789	MW observés: 90-102 kDa	

Applications

Applications testées:

FC, WB, ELISA

Demandes citées:

IHC, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB : cellules HEK-293, cellules 4T1, cellules A431, cellules A549, cellules Jurkat, cellules NIH/3T3, cellules PC-3, cellules ROS1728

Informations générales

EZH2 (enhancer of zeste homologue 2, also known as KMT6) is a member of Polycomb group (PcG) family and encodes a histone methyl transferase that has an essential role in promoting histone H3 lysine 27 trimethylation (H3K27me3) and epigenetic gene silencing. EZH2 is important for cell proliferation and inhibition of cell differentiation, and is implicated in cancer progression. Overexpression of EZH2 is a marker of advanced and metastatic disease in many solid tumors, including prostate and breast cancer. This antibody detected EZH2 protein as a single band with a molecular weight (MW) of 91-100 kDa in multiple cell lines. The phosphorylation may result in the higher molecular weight (calculated MW as 80-86 kDa). (20935635, 21367748)

Publications notables

Autrice	Pubmed ID	Journal	Application
Yan Lu	33163491	Front Cell Dev Biol	WB,IHC
Nicholas Marano	36274837	Front Cell Dev Biol	WB
Longyang Jin	30282996	Cell Death Dis	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

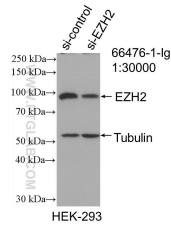
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

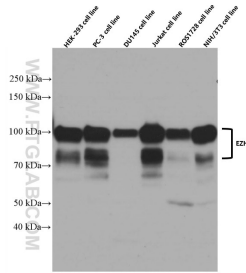
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

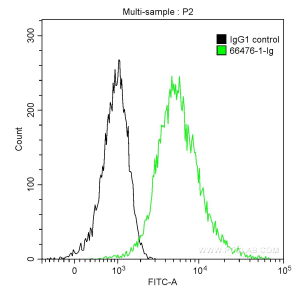
Données de validation sélectionnées



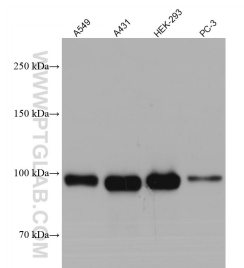
WB result of EZH2 antibody (66476-1-Ig; 1:30000; incubated at room temperature for 1.5 hours) with sh-Control and sh-EZH2 transfected HEK-293 cells.



Various cell lines were subjected to SDS PAGE followed by western blot with 66476-1-Ig (EZH2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



1X10⁶ HepG2 cells were intracellularly stained with 0.2 ug Anti-Human EZH2 (66476-1-Ig, Clone:1F10A12) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), and 0.2 ug Mouse IgG1 Isotype Control (66360-1-Ig, Clone: T1F8D3F10) (black). Cells were fixed with 4% PFA and permeabilized with 0.1% TritonX-100.



Various lysates were subjected to SDS PAGE followed by western blot with 66476-1-Ig (EZH2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.