Nur für Forschungszwecke

EZH2 Monoklonaler Antikörper

Katalog-Nr.:66476-1-Ig Vorgestelltes Produkt 4 Publikationen

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Antibodies | ELISA kits | Proteins
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Allgemeine Informationen

Katalog-Nr.:
66476-1-Ig

Größe:
150ul , Konzentration: 2100 μg/ml von Nanodrop und 1000 μg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Maus

Isotyp:
IgG1

Immunogen Katalognummer:
AG16789

GenBank-Zugangsnummer:
BC010858

GeneID (NCBI):
2146

Vollständiger Name:
enhancer of zeste homolog 2 (Drosophila)

Berechneté Masse:
751 aa, 86 kDa

Beobachteté Masse:
90-102 kDa

Reinigungsmethode:
Protein-A-Reinigung

CloneNo.:
1F10A12

Empfohlene Verdünnungen:
WB 1:5000-1:20000

Anwendungen

Geprüfte Anwendungen:
FC, WB, ELISA

In Publikationen genannte Anwendungen:
IHC, WB

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Human, Maus

Positivkontrollen:

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

Hintergrundinformationen

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)

Bemerkenswerte Veröffentlichungen

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

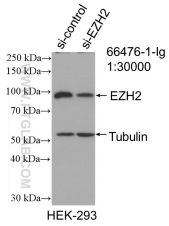
Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C lagerung

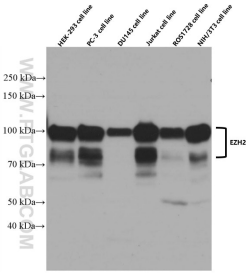
*** 20ul-Größen enthalten 0.1% BSA

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

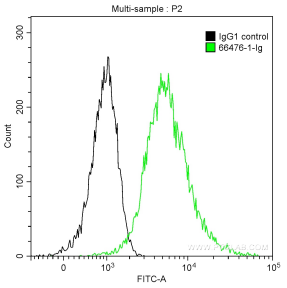
Ausgewählte Validierungsdaten



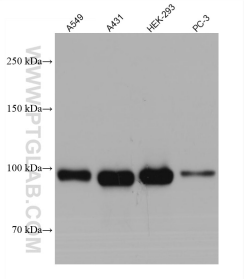
WB result of EZH2 antibody (66476-1-Ig; 1:30000; incubated at room temperature for 1.5 hours) with sh-Control and sh-EZH2 transfected HEK-293 cells.



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.



1X10^6 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.