EZH2 antibody - ChIP grade

Cat. No. GTX60811

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, ChIP assay, RIP
Reactivity	Human, Mouse

References (1)
Package
50 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
ChIP assay	Assay dependent
RIP	Assay dependent

Not tested in other applications.

Calculated MW	85 kDa. (Note)

Properties

Form	Liquid
Buffer	PBS
Preservative	0.05% Sodium azide, 0.05% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	The N-terminus (aa1-343) of the mouse EZH2 protein (Enhancer of zeste homolog 2).
Purification	Protein G purified
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

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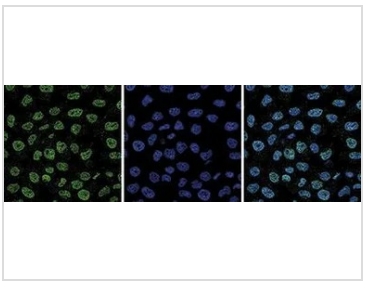
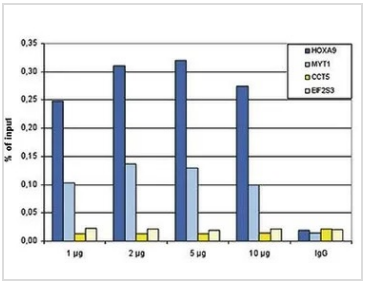
DATA IMAGES



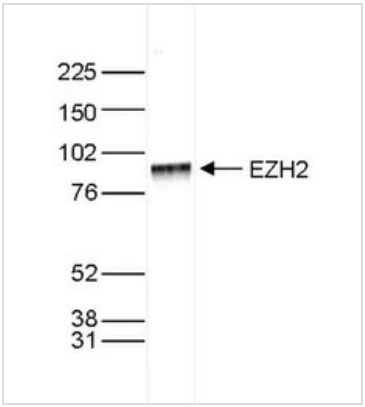
GTX60811 ICC/IF Image

ICC/IF analysis of 4% paraformaldehyde fixed HeLa cells using GTX60811 EZH2 antibody - ChIP grade.
Green : Primary antibody
Blue : DAPI
Dilution : 1:1000



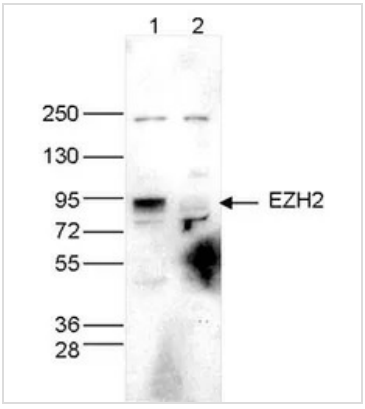
GTX60811 ChIP assay Image

ChIP analysis of sheared chromatin from 4x10^6 K562 cells using GTX60811 EZH2 antibody - ChIP grade. A titration of the antibody consisting of 1, 2. 5 and 10 µg per ChIP experiment was analysed. IgG (2 µg/IP) was used as negative IP control. Quantitative PCR was performed with primers for MYT1 and HOXA9, used as positive control targets, and for the coding regions of the active CCT5 and EIF2S3 genes, used as negative controls. This figure shows the recovery, expressed as a % of input (the relative amount of immunoprecipitated DNA compared to input DNA after qPCR analysis).



GTX60811 WB Image

WB analysis of nuclear extracts (40 µg) from HeLa cells using GTX60811 EZH2 antibody - ChIP grade.
Dilution : 1:1,000



GTX60811 WB Image

WB analysis of whole cell extracts (40 µg) from HeLa cells transfected with EZH2 siRNA (lane 2) and from an untransfected control (lane 1) using GTX60811 EZH2 antibody - ChIP grade.
Dilution : 1:1,000

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