

Product Name: KD-Validated CBX8 Mouse Monoclonal Antibody**Catalog #: KVA00585**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,FCM
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:200-1:1,000; FC 1:100-1:1,000
Molecular Weight	Calculated MW: 43.4kDa

Antigen Information

Gene Name	CBX8
Alternative Names	CBX8; Chromobox 8; RC1; PC3; Chromobox Protein Homolog 8; Rectachrome 1; Polycomb 3; HPC3; Chromobox Homolog 8 (Pc Class Homolog, Drosophila); Chromobox Homolog 8 (Drosophila Pc Class); Pc Class 3 Homolog (Drosophila); Chromobox Homolog 8; Pc Class 3 Homolog; Polycomb 3 Homolog; HPC3; Pc3
Gene ID	57332.0
SwissProt ID	Q9HC52
Immunogen	Recombinant protein of human CBX8

Background

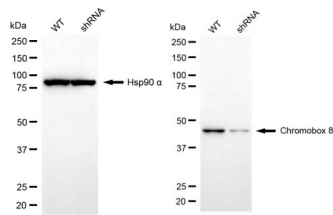
Enables methylated histone binding activity. Involved in negative regulation of transcription by RNA polymerase II. Located in

chromatin and nucleoplasm. Part of PRC1 complex. Biomarker of esophagus squamous cell carcinoma and glioblastoma.
[provided by Alliance of Genome Resources, Apr 2025]

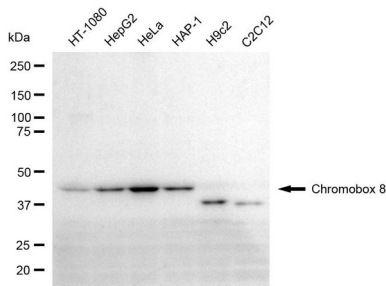
Research Area

Epigenetics and Nuclear Signaling, Signal Transduction, Cancer, Metabolism

Image Data



Western blotting analysis using chromobox 8 antibody (KVA00585). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with chromobox 8 antibody (KVA00585, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Flow cytometric analysis of Chromobox 8 expression in HeLa cells using Chromobox 8 antibody (KVA00585, 1:1,000). Green, isotype control; red, Chromobox 8.

