
CBX1 (5A3) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252951

Unit: 0.1 ml

Description:

CBX1 (Chromobox protein homolog 1) is a highly conserved nonhistone protein, a member of the heterochromatin protein family. The protein is enriched in the heterochromatin and associated with centromeres. The protein has a single N-terminal chromodomain which can bind to histone proteins via methylated lysine residues, and a C-terminal chromo shadow-domain (CSD) which is responsible for the homodimerization and interaction with a number of chromatin-associated nonhistone proteins. The protein may play an important role in the epigenetic control of chromatin structure and gene expression.

Isotype: Mouse IgG1

Applications: WB, IF

Species Reactivity: H, Mk

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: Chromobox protein homolog 1; HP1Hsbeta; Heterochromatin protein 1 homolog beta; HP1 beta; Heterochromatin protein p25; M31; Modifier 1 protein; p25beta; CBX; CBX1

Accession No.: P83916

Antigen: Purified recombinant fragment of human CBX1 expressed in *E. coli*.

Application Notes: WB: 1:200-1:1000; IF: 1:200-1:1000;

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.