

Mouse Monoclonal Antibody to CBX5

Catalogue Number	sAP-1273
Target Molecule	<p>Name: CBX5</p> <p>Aliases: HP1; HP1A; HEL25</p> <p>MW: 22.2kDa</p> <p>Entrez Gene ID: 23468</p>
Description	<p>This gene encodes a highly conserved nonhistone protein, which is 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 encoded product is involved in the formation of functional kinetochore through interaction with essential kinetochore proteins. The gene has a pseudogene located on chromosome 3. Multiple alternatively spliced variants, encoding the same protein, have been identified. ;</p>
Immunogen	Purified recombinant fragment of human CBX5 (AA: 1-191) expressed in E. Coli.
Reactive Species	Human; Mouse;
Clone	MM2H4E9;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM:
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Mol Carcinog. 2011 Aug;50(8):601-13. ; 2.J Mol Biol. 2013 Jan 9;425(1):54-70.;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**