

## Mouse Monoclonal Antibody to CBX2

Catalogue Number	sAP-1218
Target Molecule	<b>Name:</b> CBX2 <b>Aliases:</b> M33; CDCA6; SRXY5 <b>MW:</b> 56kDa <b>Entrez Gene ID:</b> 84733
Description	This gene encodes a component of the polycomb multiprotein complex, which is required to maintain the transcriptionally repressive state of many genes throughout development via chromatin remodeling and modification of histones. Disruption of this gene in mice results in male-to-female gonadal sex reversal. Mutations in this gene are also associated with gonadal dysgenesis in humans. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.;
Immunogen	Purified recombinant fragment of human CBX2 (AA: 402-525) expressed in E. Coli.
Recitative Species	Human; Mouse;
Clone	MM4C11B10;
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 H2O, 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: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Br J Cancer. 2014 Oct 14;111(8):1663-72. ; 2.Fertil Steril. 2013 Mar 1;99(3):819-826.;

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**