

Datasheet for ABIN5542711  
**anti-CBX5 antibody (AA 1-191)**

## 8 Images

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## Overview

Quantity:	0.1 mg
Target:	CBX5
Binding Specificity:	AA 1-191
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CBX5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS)

## Product Details

Immunogen:	Purified recombinant fragment of human CBX5 (AA: 1-191) expressed in E. coli.
Clone:	1B10B2
Isotype:	IgG1
Purification:	purified

## Target Details

Target:	CBX5
Alternative Name:	CBX5 ( <a href="#">CBX5 Products</a> )
Background:	Description: This gene encodes a highly conserved nonhistone protein, which is a member of

## Target Details

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. ,

Aliases: HP1, HP1A, HEL25

Molecular Weight:	22.2 kDa
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Gene ID:	23468
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HGNC:	23468
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## Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000, FCM:
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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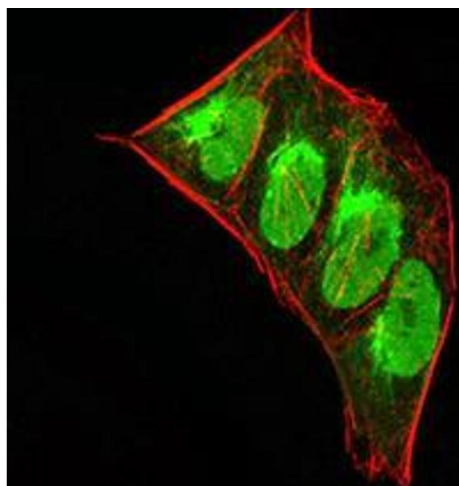
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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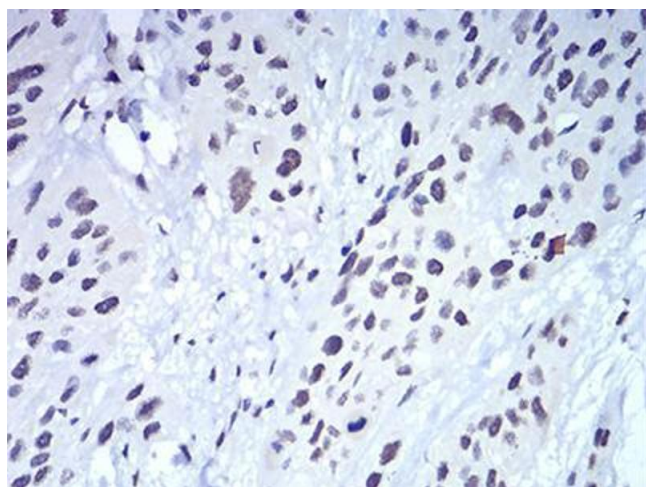
Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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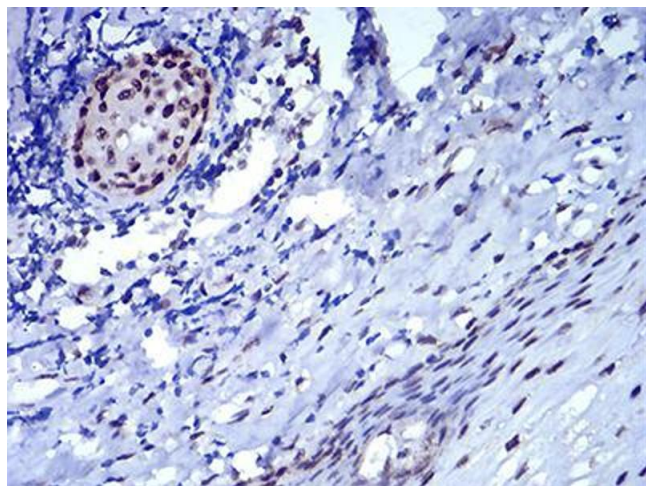
#### Immunofluorescence

**Image 1.** Immunofluorescence analysis of HeLa cells using CBX5 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



#### Immunohistochemistry

**Image 2.** Immunohistochemical analysis of paraffin-embedded esophageal cancer tissues using CBX5 mouse mAb with DAB staining.



#### Immunohistochemistry

**Image 3.** Immunohistochemical analysis of paraffin-embedded esophagus tissues using CBX5 mouse mAb with DAB staining.

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN5542711.