

**ARG52839**  
**anti-CDX2 antibody [SP54]**Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Monoclonal antibody [SP54] recognizes CDX2
Tested Reactivity	Hu
Tested Application	FACS, IHC-P
Host	Rabbit
Clonality	Monoclonal
Clone	SP54
Isotype	IgG
Target Name	CDX2
Species	Human
Immunogen	Synthetic peptide corresponding to N-terminus of human CDX2.
Conjugation	Un-conjugated
Alternate Names	CDX2/AS; CDX3; Homeobox protein CDX-2; CDX-3; Caudal-type homeobox protein 2

### Application Instructions

Application table	Application	Dilution
	FACS	Assay-Dependent
	IHC-P	1:100
Application Note	IHC-P: Antigen Retrieval: Boil tissue section in 10mM citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min. Incubation Time: 30 min at RT. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Colon Carcinoma	

### Properties

Form	Liquid
Purification	Purified by protein A/G
Buffer	PBS (pH 7.6), 1% BSA and < 0.1% Sodium azide
Preservative	< 0.1% Sodium azide
Stabilizer	1% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Database links

[GeneID: 1045 Human](#)

[Swiss-port # Q99626 Human](#)

Background

CDX2 is a caudal type homeobox gene that encodes an intestine-specific transcription factor that is expressed early in intestinal development and may be involved in the regulation of proliferation and differentiation of intestinal epithelial cells. It is expressed in the nuclei of epithelial cells throughout the intestine, from duodenum to rectum. The CDX2 protein is expressed in primary and metastatic colorectal carcinomas and has also been demonstrated in the intestinal metaplasia of the stomach and intestinal-type gastric cancer, while it is not expressed in the normal gastric mucosa. Studies have shown that CDX2 is superior marker compared in CK20.

Highlight

Related products:

[CDX2 antibodies: Anti-Rabbit IgG secondary antibodies:](#)

Related news:

[Wnt / beta-catenin signaling for gastric fundus specification](#)

Research Area

Controls and Markers antibody; Developmental Biology antibody; Gene Regulation antibody

Calculated Mw

34 kDa

PTM

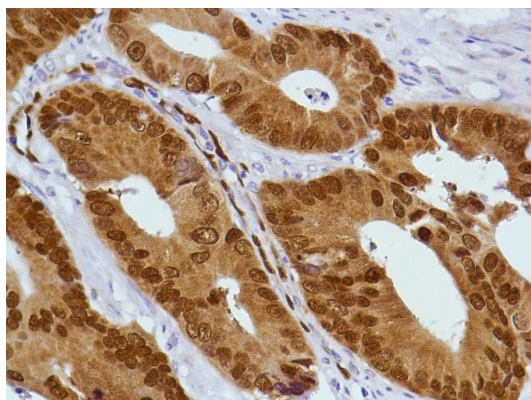
Phosphorylation of Ser-60 mediates the transactivation capacity.

Cellular Localization

Nucleus

## Images

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ARG52839 anti-CDX2 antibody [SP54] IHC-P image

Immunohistochemistry: Human Colon Adenocarcinoma stained with CDX2 antibody [SP54] (ARG52839)