

Product datasheet

Anti-CDX2 antibody [CDX2-88], prediluted ab86949

[2 References](#) [2 Images](#)

Overview

| | |
|----------------------------|--|
| Product name | Anti-CDX2 antibody [CDX2-88], prediluted |
| Description | Mouse monoclonal [CDX2-88] to CDX2, prediluted |
| Tested applications | Suitable for: IHC-P, Flow Cyt |
| Species reactivity | Reacts with: Rat, Dog, Human |
| Immunogen | CDX2 protein (Human) |
| Positive control | Colon cancer Normal Tissue: Colon Abnormal Tissue: Colon cancer, cyst adenocarcinoma and mucinous ovarian cancer |

Properties

| | |
|-----------------------------|----------------------------------|
| Form | Prediluted |
| Storage instructions | Shipped at 4°C. Store at +4°C. |
| Storage buffer | Preservative: <0.1% Sodium Azide |
| Clonality | Monoclonal |
| Clone number | CDX2-88 |
| Isotype | IgG1 |

Applications

Our [Abpromise guarantee](#) covers the use of **ab86949** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|---|
| IHC-P | | 1/1. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. Primary Antibody: incubate for 30 minutes at RT. |
| Flow Cyt | | Use at an assay dependent concentration. Use Neat |

[ab170190](#)-Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

Target

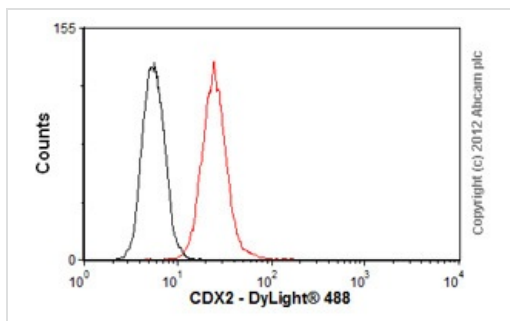
| | |
|---|---|
| Function | Involved in the transcriptional regulation of multiple genes expressed in the intestinal epithelium. Important in broad range of functions from early differentiation to maintenance of the intestinal epithelial lining of both the small and large intestine. |
| Sequence similarities | Belongs to the Caudal homeobox family. Contains 1 homeobox DNA-binding domain. |
| Post-translational modifications | Phosphorylation of Ser-60 mediates the transactivation capacity. |
| Cellular localization | Nucleus. |

Anti-CDX2 antibody [CDX2-88], prediluted images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - CDX2 antibody [CDX2-88], prediluted (ab86949)

Prediluted ab86949, staining CDX2 in formalin fixed, paraffin embedded Human colon cancer tissue by Immunohistochemistry.



Flow Cytometry-Anti-CDX2 antibody [CDX2-88], prediluted(ab86949)

Overlay histogram showing HCT116 cells stained with ab86949 (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab86949, neat) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) ([ab96879](#)) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG1 [ICIG1] ([ab91353](#), 2µg/1x10⁶ cells) used under the same conditions. Acquisition of >5,000 events was performed.

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