

ARG66484 anti-CDX2 antibody

Package: 100 µl
Store at: -20°C

Summary

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|---------------------|--|
| Product Description | Mouse Monoclonal antibody recognizes CDX2 |
| Tested Reactivity | Hu |
| Tested Application | IHC-P |
| Host | Mouse |
| Clonality | Monoclonal |
| Isotype | IgG1, kappa |
| Target Name | CDX2 |
| Species | Human |
| Immunogen | Synthetic peptide derived from 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 |
|-------------------|-------------|--------------|
| | IHC-P | 1:20 - 1:100 |

Application Note IHC-P: Antigen Retrieval: Tris/EDTA buffer (pH 8.0) was used.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

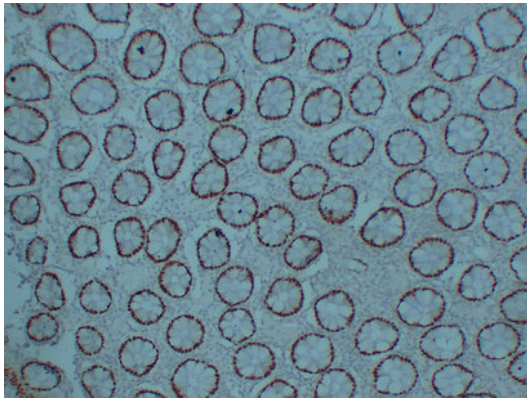
Properties

| | |
|---------------------|---|
| Form | Liquid |
| Purification | Affinity purification with immunogen. |
| Buffer | PBS, 0.02% Sodium azide, 50% Glycerol and 0.5% BSA. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 50% Glycerol and 0.5% BSA |
| Concentration | 1 mg/ml |
| 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. 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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|-----------------------|---|
| Gene Symbol | CDX2 |
| Gene Full Name | caudal type homeobox 2 |
| Background | This gene is a member of the caudal-related homeobox transcription factor gene family. The encoded protein is a major regulator of intestine-specific genes involved in cell growth and differentiation. This protein also plays a role in early embryonic development of the intestinal tract. Aberrant expression of this gene is associated with intestinal inflammation and tumorigenesis. [provided by RefSeq, Jan 2012] |
| 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. [UniProt] |
| Calculated Mw | 34 kDa |
| PTM | Phosphorylation of Ser-60 mediates the transactivation capacity. [UniProt] |
| Cellular Localization | Nucleus. [UniProt] |

Images



ARG66484 anti-CDX2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human colon stained with ARG66484 anti-CDX2 antibody at 1:200 (4°C, overnight). Antigen Retrieval: Tris/EDTA buffer (pH 8.0) was used.