Anti-CDX1 [123a]

Catalogue number: 151546
Sub-type: Primary antibody
Images:

Contributor

Inventor: Walter Bodmer
Institute: University of Oxford
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CDX1 [123a]

Alternate name: Caudal Type Homeobox 1

Class: Monoclonal
Conjugate: Unconjugated
Description: CDX1 is an intestine-specific transcription factor with a role in directing intestinal development, differentiation, proliferation and maintenance of the intestinal phenotype. Cdx1 positively regulates its own expression in the small intestine and colon of fetus and adult and promotes cellular growth and differentiation in epithelial intestinal cells. A reduction in human Cdx1 expression is associated with colorectal tumorigenesis. Both Cdx1 and Cdx2 genes must be expressed to reduce tumorigenic potential, to increase sensitivity to apoptosis and to reduce cell migration, suggesting that the two genes control the normal phenotype by independent pathways.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG1
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: Human CDX-1 N-terminal peptide
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:

Formulation:
Recommended controls: HT55, LS174T, RCM1
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: CDX1

Target alternate names:

Target background: CDX1 is an intestine-specific transcription factor with a role in directing intestinal development, differentiation, proliferation and maintenance of the intestinal phenotype. Cdx1 positively regulates its own expression in the small intestine and colon of fetus and adult and promotes cellular growth and differentiation in epithelial intestinal cells. A reduction in human Cdx1 expression is associated with colorectal tumorigenesis. Both Cdx1 and Cdx2 genes must be expressed to reduce tumorigenic potential, to increase sensitivity to apoptosis and to reduce cell migration, suggesting that the two genes control the normal phenotype by independent pathways.

Molecular weight: 32 kDa

Ic50:

Applications

Application: ChIP ; IF ; WB ; ChIP-seq
Application notes:

Handling

Format: Liquid
Concentration: 1 mg/ml
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer: PBS with 0.02% azide
Storage conditions: -15° C to -25° C
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: