ARG54113
anti-CDX2 antibody

Package: 100 µl, 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes CDX2
Tested Reactivity	Hu, Ms, Mk
Tested Application	ICC/IF, IP, WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Target Name	CDX2
Species	Human
Immunogen	Purified recombinant human CDX2 protein fragments expressed in E.coli
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
ICC/IF	1:100
IP	Assay-dependent
WB	1:500 - 1:2000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

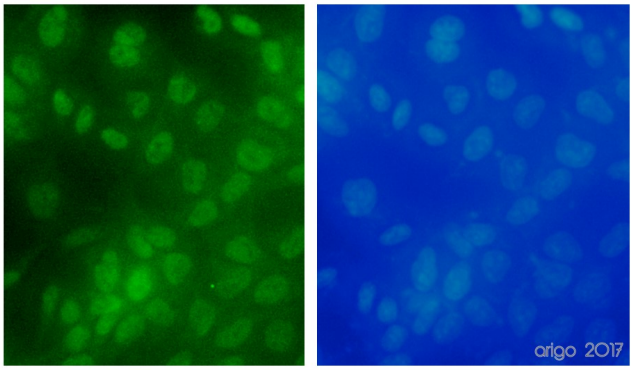
Properties

Form	Liquid
Purification	Affinity purified
Buffer	PBS (pH 7.4), 0.2% Sodium azide and 50% Glycerol
Preservative	0.2% Sodium azide
Stabilizer	50% Glycerol
Concentration	1.5 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

Database links	GeneID: 1045 Human GeneID: 12591 Mouse Swiss-port # P43241 Mouse Swiss-port # Q99626 Human
Gene Symbol	CDX2
Gene Full Name	caudal type homeobox 2
Background	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.
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]
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

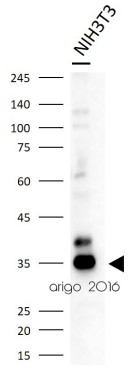
Images



ARG54113 anti-CDX2 antibody ICC/IF image

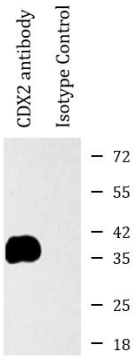
Immunofluorescence: 100% Methanol fixed (RT, 10 min) HeLa cells stained with ARG54113 anti-CDX2 antibody at 1:100 dilution. Left: primary antibody (green). Right: DAPI (blue).

Secondary antibody: ARG55393 Goat anti-Mouse IgG (H+L) antibody (FITC)



ARG54113 anti-CDX2 antibody WB image

Western blot: 30 µg of NIH3T3 cell lysate stained with ARG54113 anti-CDX2 antibody at 1:1000 dilution.



ARG54113 anti-CDX2 antibody IP image

Immunoprecipitation: HeLa cell lysate were immunoprecipitated and stained with ARG54113 anti-CDX2 antibody.