

CDX2 Monoclonal Antibody

CAB19030

Description

This CDX2 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB19030
Contents: 20 µL, 100 µL
Bradford Reagent: 1 vial (2ml)
Category: Monoclonal Antibody
Synonyms: CDX3, CDX-3, CDX2/AS, X2
Clone: ARC0450
Applications: **WB** | **IHC-P** | **IP** | **ELISA** | **IF-P**
Conjugation: Unconjugated
Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 1045
Uniprot: AB_2862522
Host Species: Rabbit
Purification: Affinity purification
Observed MW: 38kDa
Calculated MW: 34kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

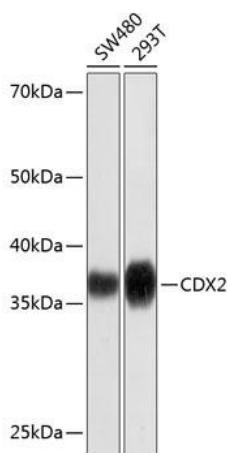
Positive Sample: SW480, 293T

Recommended Dilutions:

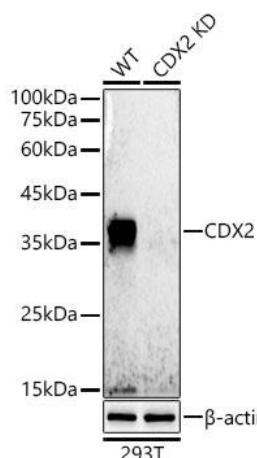
WB	1:500 - 1:2000
IP	0.5µg-4µg antibody for 200µg-600µg extracts of whole cells
IF-P	1:100 - 1:1000
IHC-P	1:3000 - 1:12000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

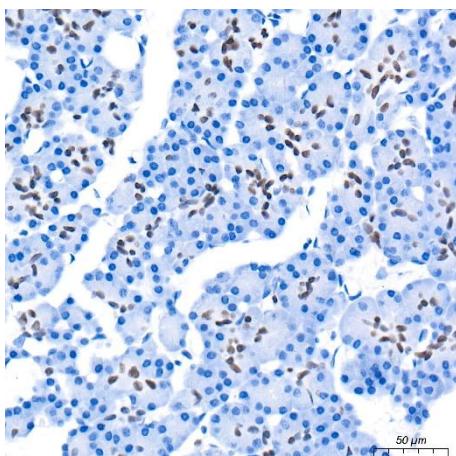
Validation Data



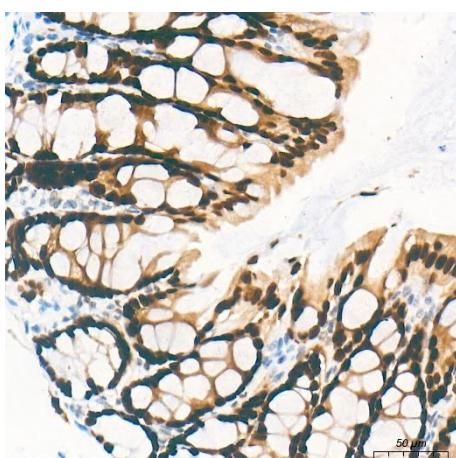
Western blot analysis of various lysates using [KD Validated] Rabbit mAb (CAB19030) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 3min.



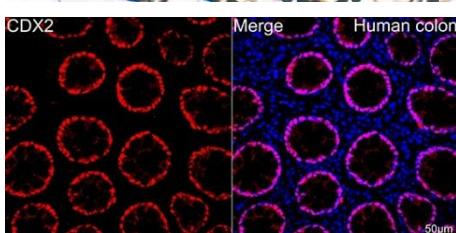
Western blot analysis of lysates from wild type(WT) and knockdown (KD) 293T cells, using [KD Validated] Rabbit mAb (CAB19030) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 30s.



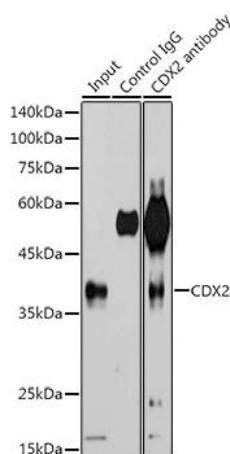
Immunohistochemistry analysis of paraffin-embedded Human pancreas tissue using [KD Validated] Rabbit mAb (CAB19030) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse colon tissue using [KD Validated] Rabbit mAb (CAB19030) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Confocal imaging of Human colon using [KD Validated] Rabbit mAb (CAB19030,dilution 1:100)(Red). DAPI was used for nuclear staining (blue). Objective: 40x.



Immunoprecipitation analysis of 600 µg extracts of 293T cells using 3 µg [KD Validated] Rabbit mAb (CAB19030). Western blot was performed from the immunoprecipitate using antibody (CAB19030) at a dilution of 1:500.