

## **KD-Validated Anti-CRABP2 Rabbit Monoclonal Antibody**

Rabbit monoclonal antibody Catalog # AGI1859

#### **Specification**

#### KD-Validated Anti-CRABP2 Rabbit Monoclonal Antibody - Product Information

Application WB, FC Primary Accession P29373

Reactivity
Clonality
Isotype

Human, Mouse
Monoclonal
Rabbit IgG

Calculated MW Predicted, 16 kDa, observed, 16 kDa KDa

Gene Name CRABP2

Aliases CRABP2; Cellular Retinoic Acid Binding

Protein 2; CRABP-II; Cellular Retinoic Acid-Binding Protein 2; Cellular Retinoic

**Acid-Binding Protein II; RBP6** 

Immunogen Recombinant protein of human CRABP2

## KD-Validated Anti-CRABP2 Rabbit Monoclonal Antibody - Additional Information

Gene ID 1382

**Other Names** 

Cellular retinoic acid-binding protein 2, Cellular retinoic acid-binding protein II, CRABP-II, CRABP2

# **KD-Validated Anti-CRABP2 Rabbit Monoclonal Antibody - Protein Information**

#### Name CRABP2

#### **Function**

Transports retinoic acid to the nucleus. Regulates the access of retinoic acid to the nuclear retinoic acid receptors.

## **Cellular Location**

Cytoplasm. Endoplasmic reticulum. Nucleus. Note=Upon ligand binding, a conformation change exposes a nuclear localization motif and the protein is transported into the nucleus

#### KD-Validated Anti-CRABP2 Rabbit Monoclonal Antibody - Protocols

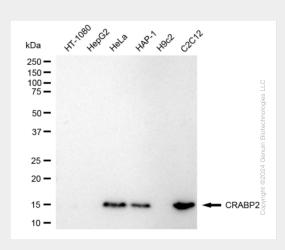
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence

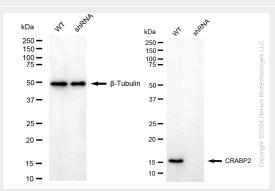


- Immunoprecipitation
- Flow Cytomety
- Cell Culture

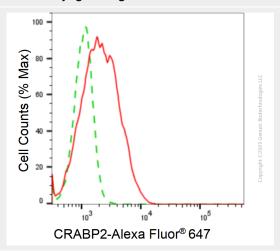
## KD-Validated Anti-CRABP2 Rabbit Monoclonal Antibody - Images

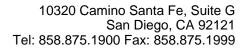


Western blotting analysis using anti-CRABP2 antibody (Cat#AGI1859). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CRABP2 antibody (Cat#AGI1859, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-CRABP2 antibody (Cat#AGI1859). CRABP2 expression in wild-type (WT) and CRABP2 shRNA knockdown (KD) HeLa cells with 20 μg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-CRABP2 antibody (Cat#AGI1859, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.







Flow cytometric analysis of CRABP2 expression in C2C12 cells using anti-CRABP2 antibody (Cat#AGI1859, 1:2,000). Green, isotype control; red, CRABP2.