

CRABP2 Recombinant Rabbit Monoclonal Antibody (4)

| Product Details | |
|--------------------|--|
| Size | 100 µL |
| Species Reactivity | Human |
| Host/Isotype | Rabbit / IgG |
| Class | Recombinant Monoclonal |
| Type | Antibody |
| Clone | 4 |
| Conjugate | Unconjugated |
| Immunogen | Recombinant Human CRABP2 protein |
| Form | Liquid |
| Concentration | Lot-Specific |
| Purification | Protein A |
| Storage buffer | PBS |
| Contains | no preservative |
| Storage Conditions | Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C |
| RRID | AB_2785100 |

| Applications | Tested Dilution | Publications |
|---------------------------|-------------------------|--------------|
| Western Blot (WB) | 1:500-1:1000 | - |
| Immunocytochemistry (ICC) | 1:100-1:500 | - |
| Immunofluorescence (IF) | 1:100-1:500 | - |
| Flow Cytometry (Flow) | 1:100-1:500 | - |
| Immunoprecipitation (IP) | 0.1-0.5 µL/mg of lysate | - |

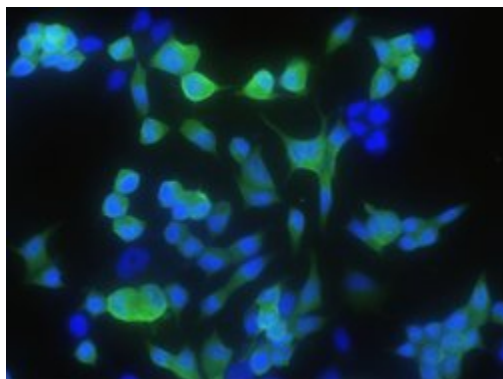
Product Specific Information

This product is preservative free. It is recommended to add sodium azide to avoid contamination (final concentration 0.05%-0.1%).

Recombinant rabbit monoclonal antibodies are produced using in vitro expression systems. The expression systems are developed by cloning in the specific antibody DNA sequences from immunoreactive rabbits. Then, individual clones are screened to select the best candidates for production. The advantages of using recombinant rabbit monoclonal antibodies include: better specificity and sensitivity, lot-to-lot consistency, animal origin-free formulations, and broader immunoreactivity to diverse targets due to larger rabbit immune repertoire.

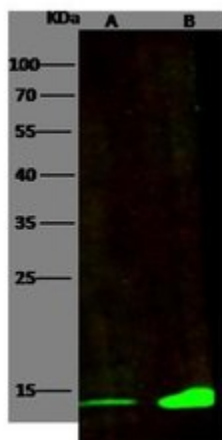
This antibody has specificity for Human CRABP2.

Product Images For CRABP2 Recombinant Rabbit Monoclonal Antibody (4)



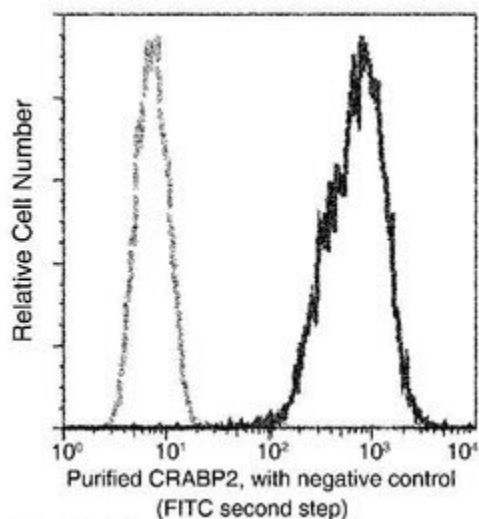
CRABP2 Antibody (MA5-29188) in IF

Immunofluorescence staining of Human CRABP2 in MCF7 cells. Cells were fixed with 4% PFA, permeabilized with 1% Triton X-100 in PBS, blocked with 10% serum, and incubated with CRABP2 Monoclonal Antibody (Product # MA5-29188) (1:300) at 4° C overnight. Then cells were stained with the Alexa Fluor 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm.



CRABP2 Antibody (MA5-29188) in WB

Western blot analysis of CRABP2 in Lane A: 293T Whole Cell Lysate (30 µg), Lane B: MCF7 Whole Cell Lysate (30 µg) . Samples were probed using a CRABP2 Monoclonal Antibody (Product # MA5-29188) at a 1:500 dilution, followed by a Goat Anti-Rabbit IgG (H+L), Dylight 800 Secondary Antibody at a 1:10000 dilution. Western blot was performed under reducing conditions. Predicted band size: 16 kDa. Observed band size: 14 kDa.



CRABP2 Antibody (MA5-29188) in Flow

Flow cytometric analysis of Human CRABP2 expression on MCF-7 cells. The cells were treated, stained with CRABP2 Monoclonal Antibody (Product # MA5-29188), then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.

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