

## ARG56991 anti-CRABP1 antibody [1A1]

Package: 50 µl  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [1A1] recognizes CRABP1
Tested Reactivity	Hu, Ms
Tested Application	FACS, WB
Host	Mouse
Clonality	Monoclonal
Clone	1A1
Isotype	IgG2b, kappa
Target Name	CRABP1
Species	Human
Immunogen	Recombinant fragment around aa. 1-137 of Human CRABP1.
Conjugation	Un-conjugated
Alternate Names	CRABP; Cellular retinoic acid-binding protein I; CRABP-I; RBP5; Cellular retinoic acid-binding protein 1; CRABPI

### Application Instructions

Application table	Application	Dilution
	FACS	Assay-dependent
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	10% Glycerol
Concentration	1 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	<a href="#">GeneID: 12903 Mouse</a>
	<a href="#">GeneID: 1381 Human</a>
	<a href="#">Swiss-port # P29762 Human</a>
	<a href="#">Swiss-port # P62965 Mouse</a>

Gene Symbol CRABP1

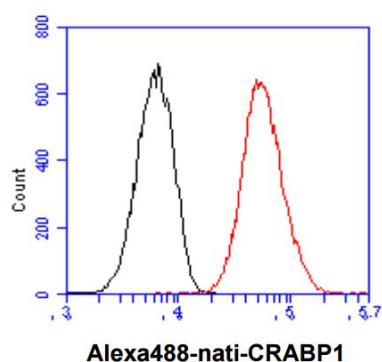
Gene Full Name cellular retinoic acid binding protein 1

**Background** This gene encodes a specific binding protein for a vitamin A family member and is thought to play an important role in retinoic acid-mediated differentiation and proliferation processes. It is structurally similar to the cellular retinol-binding proteins, but binds only retinoic acid at specific sites within the nucleus, which may contribute to vitamin A-directed differentiation in epithelial tissue. [provided by RefSeq, Jul 2008]

**Function** Cytosolic CRABPs may regulate the access of retinoic acid to the nuclear retinoic acid receptors. [UniProt]

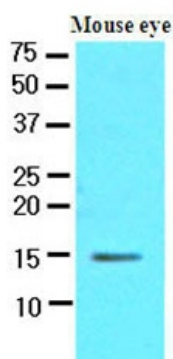
Calculated Mw 16 kDa

## Images



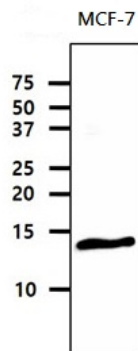
ARG56991 anti-CRABP1 antibody [1A1] FACS image

Flow Cytometry: Balb/3T3 cell line stained with ARG56991 anti-CRABP1 antibody [1A1] at 2-5  $\mu$ g for  $1 \times 10^6$  cells (red line). Secondary antibody: Goat anti-Mouse IgG Alexa fluor 488 conjugate. Isotype control antibody was Mouse IgG (black line).



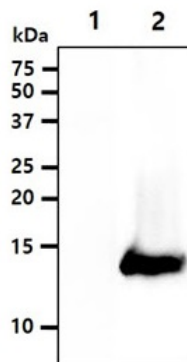
ARG56991 anti-CRABP1 antibody [1A1] WB image

Western blot: 30  $\mu$ g of Mouse eye lysate stained with ARG56991 anti-CRABP1 antibody [1A1] at 1:500.



ARG56991 anti-CRABP1 antibody [1A1] WB image

Western blot: 40 µg of MCF-7 cell lysate stained with ARG56991 anti-CRABP1 antibody [1A1] at 1:500.



ARG56991 anti-CRABP1 antibody [1A1] WB image

Western blot: 20 µg of 1) 293T cell lysate, 2) CRABP1 transfected 293T cell lysate stained with ARG56991 anti-CRABP1 antibody [1A1] at 1:500.