

Mouse anti-Human, Mouse CRABP2 Monoclonal Antibody | anti-CRABP2 antibody

CRABP2 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48045	Mouse	Human, Mouse	Immunofluorescence, Immunocytochemistry, Flow Cytometry, Functional Assay, Western Blot, ELISA

PRODUCT SYNONYMS

CRABP2; Monoclonal Antibody; CRABP2 antibody; Cellular retinoic acid binding protein 2; RBP6; CRABP-II; Cellular retinoic acid binding protein 2 Cellular retinoic acid binding protein II; CRABP II; CRABPII; ; anti-CRABP2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG2a, k
Clone Number	AT2E11
Purity/Purification	By protein-G affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	138
Applicable Applications for anti-CRABP2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human CRABP2 (1-138aa) purified from E. coli
Clone Note	Anti-human CRABP2 mAb, clone AT2E11, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human CRABP2 protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)

ICC/IF analysis of CRABP2 in HeLa cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human CRABP2 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green). ICC/IF analysis of CRABP2 in MCF7 cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human CRABP2 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-CRABP2 antibody	The cellular retinoic acid-binding protein II (CRABP-II) is involved in the conversion of vitamin A into its intracellular active form retinoic acid, which regulate the genes responsible for lipid metabolism and adipocyte differentiation. CRABP2 gene is located on chromosome 1q21-23 and this region has been linked with related disorders such as familial combined hyperlipidemia (FCHL) and type 2 diabetes mellitus.
Product Categories/Family for anti-CRABP2 antibody	Transcription & Translation
References	Astrom,A., et al (1991). J. Biol. Chem. 266 (26), 17662-17666; Gupta,A., et al (2006). Cancer Res. 66 (16), 8100-8108

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503029
NCBI GeneID	1382
NCBI Accession #	NP_001869
NCBI GenBank Nucleotide #	NM_001878.3
UniProt Accession #	P29373; Q6ICN6; B2R4Z8; D3DVC5; F1T098
Molecular Weight	15,693 Da
NCBI Official Full Name	cellular retinoic acid-binding protein 2
NCBI Official Synonym Full Names	cellular retinoic acid binding protein 2
NCBI Official Symbol	CRABP2
NCBI Official Synonym Symbols	RBP6; CRABP-II
NCBI Protein Information	cellular retinoic acid-binding protein 2
UniProt Protein Name	Cellular retinoic acid-binding protein 2
UniProt Gene Name	CRABP2
UniProt Synonym Gene Names	CRABP-II

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/crabp2-antibody-clone-at2e11-immunofluorescence-immunocytochemistry-flow-cytometry-western-blot-elisa/48045>