

Rabbit CARD11 Polyclonal Antibody | anti-CARD11 antibody

Anti-CARD11 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254874	Rabbit	Mouse Predicted to React with: Human (Species predicted to react based on 100% sequence homology)	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

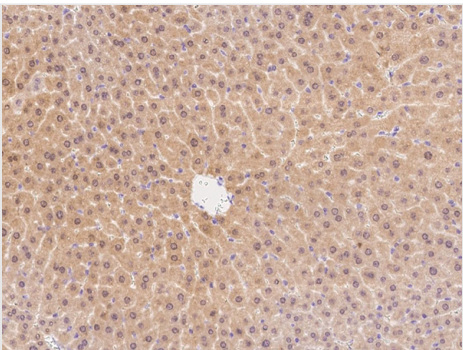
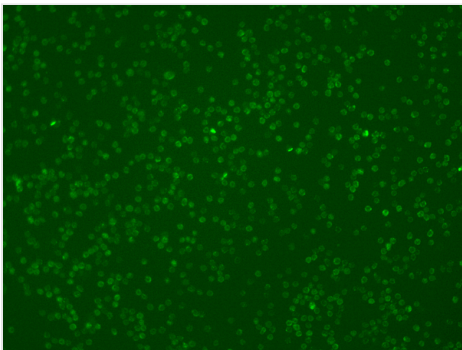
PRODUCT SYNONYMS

CARD11; Polyclonal Antibody; Anti-CARD11 Antibody; Rabbit Polyclonal; CARD11 Antibody; Rabbit PAb; Antigen Affinity Purified; anti-CARD11 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse Predicted to React with: Human (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse CARD11
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-CARD11 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the center region of the Mouse CARD11
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Mouse CARD11, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of Card11 in mouse spleen cells. Cells were fixed with 4% PFA, blocked with 10% serum, and incubated with rabbit anti-Mouse Card11 polyclonal antibody (dilution ratio 1:500) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Cell membrane and cytoplasm.

IHC (Immunohistochemistry)
Immunochemical staining of mouse Card11 in mouse liver with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-CARD11 antibody

The aggressive activated B cell-like subtype of diffuse large B-cell lymphoma is characterized by aberrant B-cell receptor (BCR) signaling and constitutive nuclear factor kappa-B (NF-kappaB) activation, which is required for tumor cell survival. BCR-induced NF-kappaB activation requires caspase recruitment domain-containing protein 11 (CARD11), and CARD11 gain-of-function mutations are recurrently detected in human diffuse large B-cell lymphoma (DLBCL). Enforced activation of CARD11/BCL10/MALT1 signaling is sufficient to drive transformed B-cell expansion in vivo and identify the JNK pathway as a therapeutic target for ABC-DLBCL. The scaffold protein caspase recruitment domain-containing protein 11 (CARD11) is implicated in the regulation of inflammation and autoimmunity. CARD11 is involved in the pathogenesis of CIA by formation of the CARD11/Bcl10 complex and enhancement of the Th17 cell response. Targeting CARD11 provides a novel research direction in the development of therapeutic strategies for RA. CARD11 is a multidomain adapter that is required for TCR signaling to the IkappaB kinase (IKK) complex. During TCR signaling, the region in CARD11 between the coiled-coil and PDZ domains is phosphorylated by protein kinase Ctheta (PKCtheta) in a required step in NF-kappaB activation. CARD protein 11 (CARD11) and CARD protein 14 (CARD14) are novel CARD-containing proteins that belong to the membrane-associated guanylate kinase (MAGUK) family, a class of proteins that functions as molecular scaffolds for the assembly of multiprotein complexes at specialized regions of the plasma membrane.

NCBI AND UNIPROT INFORMATION

NCBI GI #	161086929
NCBI GeneID	108723
NCBI Accession #	NP_780571.2
NCBI GenBank Nucleotide #	NM_175362.2
UniProt Accession #	Q8CIS0; Q4VA14; Q6KAS3; Q8BYV0
Molecular Weight	133,468 Da
NCBI Official Full Name	caspase recruitment domain-containing protein 11
NCBI Official Synonym Full Names	caspase recruitment domain family, member 11
NCBI Official Symbol	Card11
NCBI Official Synonym Symbols	BIMP3; CARMA1; 0610008L17Rik; 2410011D02Rik
NCBI Protein Information	caspase recruitment domain-containing protein 11
UniProt Protein Name	Caspase recruitment domain-containing protein 11
UniProt Gene Name	Card11

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/card11-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/254874>