

Mouse anti-Human CARD8 Monoclonal Antibody | anti-CARD8 antibody

Mouse monoclonal antibody Anti-Human CARD8

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA10604	Mouse	Human	Western Blot, Immunoprecipitation, Flow Cytometry, Functional Assay, Immunocytochemistry

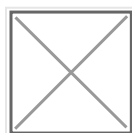
PRODUCT SYNONYMS

CARD8; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human CARD8; Homo sapiens caspase recruitment domain family; member 8 (CARD8); DACAR; NDPP1; TUCAN; CARDINAL; KIAA0955;MGC57162; DKFZp779L0366; anti-CARD8 antibody

PRODUCT SPECIFICATIONS

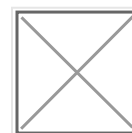
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2108C2a
Purity/Purification	This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
Form/Format	Mouse monoclonal anti-human CARD8 antibody in PBS (3.0 mM KCl, 1.5 mM KH ₂ PO ₄ , 140 mM NaCl, 8.0 mM Na ₂ HPO ₄ (pH 7.4)) containing 1% bovine serum albumin (BSA) and 0.05% sodium azide (NaN ₃).
Applicable Applications for anti-CARD8 antibody	WB (Western Blot), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry)
Application Notes	Recommended Condition: WB: 0.2-2 ug/ml IP: 100-500 ug/sample FC: 0.5-2 ug/sample ICC: 2-100 ug/ml
Immunogen	Recombinant
Sterility	Filtered through a 0.22 um membrane.
Disposal	This antibody solution contains sodium azide (NaN ₃) as a preservative. There is a potential hazard that NaN ₃ reacts with copper or lead to produce an explosive compound. For safe disposal, the vial has to be washed thoroughly with water.
Preparation and Storage	Store at 2-8°C for up to one year. We recommend storing at -20°C for long-term storage. Avoid repeat freezing and thawing cycles.

IMAGES



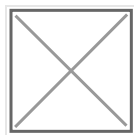
ICC (Immunocytochemistry)

Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100 in PBS. The cells were immunostained with anti-CARD8 mAb. [Lot No. 2108C2a-1]



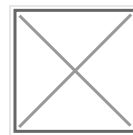
FCM (Flow Cytometry)

HeLa cells were fixed in 2% paraformaldehyde/PBS and then permeabilized in 90% methanol. Cells were stained with anti-CARD8 mAb (shaded) or isotype control (unshaded) followed by Alexa Fluor(R) 488-conjugated goat anti-mouse IgG. [Lot No. 2108C2a-1]



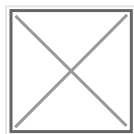
IP (Immunoprecipitation)

Immunoprecipitation: RIPA lysate of HeLa cells was incubated with anti-CARD8 mAb. [Lot No. 2108C2a-1] Predicted molecular weight: 48 kDa



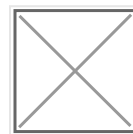
WB (Western Blot)

Detection of human CARD8 by Western blot. Samples: Whole cell lysate (50 ug) from HeLa cells. [Lot No. 2108C2a-1] Predicted molecular weight: 48 kDa



Quality Control

Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.



WB (Western Blot)

Western blot analysis of immunized recombinant protein, using anti-CARD8 monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CARD8 antibody

Caspase recruitment domain (CARD)-containing proteins, such as CARD8, are involved in pathways leading to activation of caspases or nuclear factor kappa-B (NFkB; see MIM 164011) in the context of apoptosis or inflammation, respectively (Bouchier-Hayes et al., 2001). [supplied by OMIM]. [NCBI Entrez Gene Summary]

NCBI AND UNIPROT INFORMATION

NCBI GI #	296531358
NCBI GeneID	22900
NCBI Accession #	NP_055774.2
NCBI GenBank Nucleotide #	NM_014959
NCBI Official Full Name	Homo sapiens caspase recruitment domain family, member 8 (CARD8), transcript variant 2, mRNA
NCBI Official Synonym Full Names	caspase recruitment domain family, member 8
NCBI Official Symbol	CARD8
NCBI Official Synonym Symbols	NDPP; DACAR; DAKAR; NDPP1; TUCAN; CARDINAL
NCBI Protein Information	caspase recruitment domain-containing protein 8; CARD inhibitor of NF-kappaB-activating ligands; apoptotic protein NDPP1; tumor up-regulated CARD-containing antagonist of CASP9; tumor up-regulated CARD-containing antagonist of caspase nine
UniProt Protein Name	Caspase recruitment domain-containing protein 8
UniProt Gene Name	CARD8
UniProt Entry Name	CARD8_HUMAN

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/monoclonal/card8-antibody-clone-2108c2a-western-blot-immunoprecipitation-flow-cytometry-immunocytochemistry-elisa/10604>