

Rabbit anti-Human DCD Polyclonal Antibody | anti-DCD antibody

DCD Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283791	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

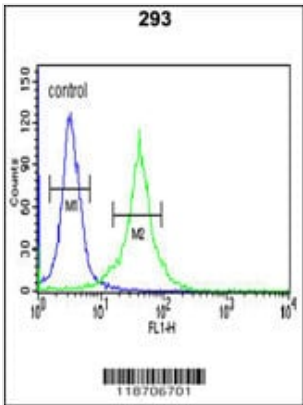
PRODUCT SYNONYMS

DCD; Polyclonal Antibody; DCD Antibody (C-term); Dermcidin; 34--; Preproteolysin; Survival-promoting peptide; DCD-1; AIDD; DSEP; anti-DCD antibody

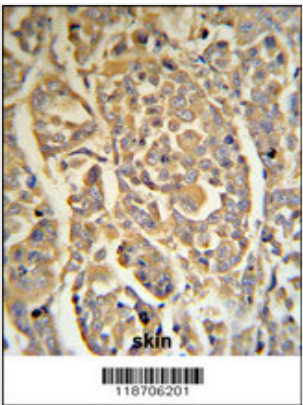
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DCD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 74-103 amino acids from the C-terminal region of human DCD.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	74-103
Sequence Length	77
Applicable Applications for anti-DCD antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

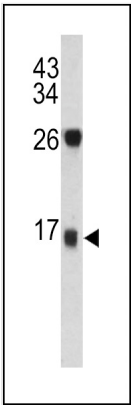
IMAGES



FCM/FACS (Flow Cytometry)
DCD Antibody (C-term) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
DCD Antibody (C-term) (RB18706) IHC analysis in formalin fixed and paraffin embedded human skin tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the DCD Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of DCD antibody (C-term) in T47D cell line lysates (35ug/lane). DCD (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-DCD antibody	DCD is a secreted protein that is subsequently processed into mature peptides of distinct biological activities. The C-terminal peptide is constitutively expressed in sweat and has antibacterial and antifungal activities. The N-terminal peptide, also known as diffusible survival evasion peptide, promotes neural cell survival under conditions of severe oxidative stress. A glycosylated form of the N-terminal peptide may be associated with cachexia (muscle wasting) in cancer patients.
Product Categories/Family for anti-DCD antibody	Cell Biology ; Metabolism ; Microbiology ; Signal Transduction
References	Todorov,P.T., J. Biol. Chem. 272 (19), 12279-12288 (1997)

NCBI AND UNIPROT INFORMATION

NCBI GI #	16751921
NCBI GeneID	117159
NCBI Accession #	NP_444513.1
NCBI GenBank Nucleotide #	NM_053283.3
UniProt Accession #	P81605; P58461; Q53YJ2; A5JHP2; A5JHP3

Molecular Weight	11284
NCBI Official Full Name	dermcidin isoform 1 preproprotein
NCBI Official Synonym Full Names	dermcidin
NCBI Official Symbol	DCD
NCBI Official Synonym Symbols	PIF; AIDD; DSEP; HCAP; DCD-1
NCBI Protein Information	dermcidin
UniProt Protein Name	Dermcidin
UniProt Gene Name	DCD
UniProt Synonym Gene Names	AIDD; DSEP
UniProt Entry Name	DCD_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/polyclonal/dcd-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/283791>