

Rabbit CD297 Polyclonal Antibody | anti-CD297 antibody

CD297 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA318814	Rabbit	Human, Rat, Mouse	ELISA, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

CD297; Polyclonal Antibody; CD297 Rabbit Polyclonal Antibody; Ecto-ADP-ribosyltransferase 4 (EC 2.4.2.31)(ADP-ribosyltransferase C2 and C3 toxin-like 4)(ARTC4)(Dombrock blood group carrier molecule)(Mono (ADP-ribosyl)transferase 4)(NAD (P)(+)--arginine ADP-ribosyltransferase 4)(CD antigen CD297); BH6842; anti-CD297 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous CD297
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CD297 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Synthetic peptide from human protein at AA range: 181-230
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:200



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Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:200

ADDITIONAL INFORMATION

Related Product Information for anti-CD297 antibody

This gene encodes a protein that contains a mono-ADP-ribosylation (ART) motif. It is a member of the ADP-ribosyltransferase gene family but enzymatic activity has not been demonstrated experimentally. Antigens of the Dombrock blood group system are located on the gene product, which is glycosylphosphatidylinositol-anchored to the erythrocyte membrane. Allelic variants, some of which lead to adverse transfusion reactions, are known. [provided by RefSeq, Jul 2008]

NCBI AND UNIPROT INFORMATION

NCBI GI #	22261809
NCBI GeneID	420
UniProt Accession #	Q93070; Q9BZ50; Q9BZ51; Q9HB06
Molecular Weight	35,878 Da
NCBI Official Full Name	Ecto-ADP-ribosyltransferase 4
NCBI Official Synonym Full Names	ADP-ribosyltransferase 4 (Dombrock blood group)
NCBI Official Symbol	ART4
NCBI Official Synonym Symbols	DO; DOK1; ARTC4; CD297
NCBI Protein Information	ecto-ADP-ribosyltransferase 4
UniProt Protein Name	Ecto-ADP-ribosyltransferase 4
UniProt Gene Name	ART4
UniProt Synonym Gene Names	DO; DOK1; ARTC4

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/cd297-antibody-immunofluorescence-immunohistochemistry-elisa/318814>