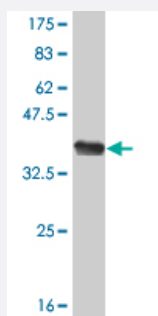


ART4 polyclonal antibody (A01)

Catalog # H00000420-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.11 kDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant ART4.
Immunogen	ART4 (NP_066549, 61 a.a. ~ 160 a.a) partial recombinant protein with GST tag.
Sequence	SFDDQYQGCSKQVMEKLTQGDYFTKDIEAQKNYFRMWQKAHLAWLNQGKVL PQNMTTTHAVAIL FYTLNSNVHSDFTRAMASVARTPQQYERSFHF KYLH
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 kDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — ART4

Entrez GeneID [420](#)

GeneBank Accession# [NM_021071](#)

Protein Accession# [NP_066549](#)

Gene Name ART4

Gene Alias CD297, DO, DOK1

Gene Description ADP-ribosyltransferase 4 (Dombrock blood group)

Omim ID [110600](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations ADP-ribosyltransferase 4|ADP-ribosyltransferase 4 (DO blood group)|Dombrock blood group carrier molecule|mono-ADP-ribosyltransferase 4